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Form 10-Q Â Â â˜’ QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 Â For the quarterly period ended July 31, 2024 Â â˜ TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934 Â Commission file number: 000-13301 Â Â RF INDUSTRIES, LTD. (Exact name of registrant as specified in its charter) Â Nevada 88-0168936 (State or other jurisdiction of incorporation or organization) (I.R.S. Employer Identification No.) Â Â 16868 Via Del Campo Court, Suite 200 San Diego, California 92127 (Address of principal executive offices) (Zip Code) (858)Â 549-6340 (Registrantâ€™s telephone number, including area code) Â Â Securities registered pursuant to Section 12(b) of the Act: Title of each class Trading Symbol(s) Name of each exchange on which registered Â Â Â Common Stock, $0.01 par value per share RFIL NASDAQ Global Market Â Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes â˜’ No â˜ Â Indicate by check mark whether the registrant has submitted every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (Â§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files.) Yes â˜’ No â˜ Â Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of â€œlarge accelerated filer,â€ â€œaccelerated filer,â€ â€œsmaller reporting companyâ€ and â€œemerging growth companyâ€ in Rule 12b-2 of the Exchange Act. Â Â Large accelerated filer â˜

Accelerated filer â˜ Non-accelerated filer â˜’ Smaller reporting company â˜’ Â Emerging growth company â˜ Â If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. â˜Â Â Indicate by check mark whether the registrant is a shell company (as defined in RuleÂ 12b-2 of the Exchange Act):Â Yes â˜ No â˜’ Â The number of shares of the issuerâ€™s Common Stock, par value $0.01 per share, outstanding as of September 12, 2024 was 10,493,485. Â Â 1Â Â Â Part I. FINANCIAL INFORMATION Â Item 1: Financial Statements Â Â RF INDUSTRIES, LTD. AND SUBSIDIARIES CONDENSED CONSOLIDATED BALANCE SHEETS (In thousands, except share and per share amounts) Â Â Â July 31, Â Â October 31, Â Â Â 2024 Â Â 2023 Â Â Â (Unaudited) Â Â (Note 1) Â ASSETS Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â CURRENT ASSETS Â Â Â Â Â Â Â Â Cash and cash equivalents Â $ 1,764 Â Â $ 4,897 Â Trade accounts receivable, net of allowance for credit losses of $155 and $244, respectively Â Â 10,676 Â Â Â 10,277 Â Inventories Â Â 15,049 Â Â Â 18,730 Â Other current assets Â Â 1,896 Â Â Â 2,136 Â TOTAL CURRENT ASSETS Â Â 29,385 Â Â Â 36,040 Â Â Â Â Â Â Â Â Â Â Property and equipment: Â Â Â Â Â Â Â Â Equipment and tooling Â Â 4,782 Â Â Â 4,796 Â Furniture and office equipment Â Â 6,170 Â Â Â 5,631 Â Â Â Â 10,952 Â Â Â 10,427 Â Less accumulated depreciation Â Â 6,102 Â Â Â 5,503 Â Total property and equipment, net Â Â 4,850 Â Â Â 4,924 Â Â Â Â Â Â Â Â Â Â Operating lease right-of-use assets, net Â Â 15,304 Â Â Â 15,689 Â Goodwill Â Â 8,085 Â Â Â 8,085 Â Amortizable intangible assets, net Â Â 12,329 Â Â Â 13,595 Â Non-amortizable intangible assets Â Â 1,174 Â Â Â 1,174 Â Deferred tax assets Â Â - Â Â Â 2,494 Â Other assets Â Â 733 Â Â Â 277 Â TOTAL ASSETS Â $ 71,860 Â Â $ 82,278 Â Â 2Â Â Item 1: Financial Statements (continued) Â RF INDUSTRIES, LTD. AND SUBSIDIARIES CONDENSED CONSOLIDATED BALANCE SHEETS (In thousands, except share and per share amounts) Â Â Â July 31, Â Â October 31, Â Â Â 2024 Â Â 2023 Â Â Â (Unaudited) Â Â (Note 1) Â LIABILITIES AND STOCKHOLDERS' EQUITY Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â CURRENT LIABILITIES Â Â Â Â Â Â Â Â Accounts payable Â $ 3,148 Â Â $ 3,201 Â Accrued expenses Â Â 5,046 Â Â Â 4,572 Â Line of credit Â Â 8,704 Â Â Â 1,000 Â Current portion of Term Loan Â Â - Â Â Â 2,424 Â Current portion of operating lease liabilities Â Â 1,481 Â Â Â 1,314 Â TOTAL CURRENT LIABILITIES Â Â 18,379 Â Â Â 12,511 Â Â Â Â Â Â Â Â Â Â Operating lease liabilities Â Â 19,163 Â Â Â 19,284 Â Deferred tax liabilities Â Â 182 Â Â Â - Â Term Loan, net of debt issuance cost Â Â - Â Â Â 10,721 Â TOTAL LIABILITIES Â Â 37,724 Â Â Â 42,516 Â Â Â Â Â Â Â Â Â Â COMMITMENTS AND CONTINGENCIES Â Â Â Â Â Â Â Â Â Â Â Â Â Â STOCKHOLDERSâ€™ EQUITY Â Â Â Â Â Â Â Â Common stock - authorized 20,000,000 shares of $0.01 par value; 10,493,485 and 10,343,223 shares issued and outstanding at July 31, 2024 and October 31, 2023, respectively Â Â 105 Â Â Â 104 Â Additional paid-in capital Â Â 26,821 Â Â Â 26,087 Â Retained earnings Â Â 7,210 Â Â Â 13,571 Â TOTAL STOCKHOLDERS' EQUITY Â Â 34,136 Â Â Â 39,762 Â TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY Â $ 71,860 Â Â $ 82,278 Â Â See Notes to Unaudited Condensed Consolidated Financial Statements. Â 3Â Â Item 1: Financial Statements (continued) Â Â RF INDUSTRIES, LTD. AND SUBSIDIARIES CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (UNAUDITED) (In thousands, except share and per share amounts) Â Â Â Three Months Ended July 31, Â Â Nine Months Ended July 31, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Net sales Â $ 16,836 Â Â $ 15,652 Â Â $ 46,404 Â Â $ 56,294 Â Cost of sales Â Â 11,875 Â Â Â 11,828 Â Â Â 33,316 Â Â Â 41,263 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Gross profit Â Â 4,961 Â Â Â 3,824 Â Â Â 13,088 Â Â 15,031 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Operating expenses: Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Engineering Â Â 653 Â Â 690 Â Â Â 2,059 Â Â 2,535 Â Selling and general Â Â 4,727 Â Â Â 5,144 Â Â Â 13,948 Â Â 15,186 Â Total operating expenses Â Â 5,380 Â Â Â 5,834 Â Â Â 16,007 Â Â 17,721 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Operating loss Â Â (419) Â Â (2,010) Â Â (2,919) Â Â (2,690) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Other expense Â Â (338) Â Â (117) Â Â (676) Â Â (342) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Loss before benefit for income taxes Â Â (757) Â Â (2,127) Â Â (3,595) Â Â (3,032) Provision (benefit) for income taxes Â Â (52) Â Â (482) Â Â 2,766 Â Â Â (806) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Consolidated net loss Â $ (705) Â $ (1,645) Â $ (6,361) Â $ (2,226) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Loss per share: Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Basic Â $ (0.07) Â $ (0.16) Â $ (0.61) Â $ (0.22) Diluted Â $ (0.07) Â $ (0.16) Â $ (0.61) Â $ (0.22) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Weighted average shares outstanding: Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Basic Â Â 10,495,082 Â Â Â 10,290,265 Â Â Â 10,466,862 Â Â Â 10,267,652 Â Diluted Â Â 10,495,082 Â Â Â 10,290,265 Â Â Â 10,466,862 Â Â Â 10,267,652 Â Â See Notes to Unaudited Condensed Consolidated Financial Statements. Â 4Â Â Item 1: Financial Statements (continued) Â Â RF INDUSTRIES, LTD. AND SUBSIDIARIES CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERSâ€™ EQUITY (UNAUDITED) (In thousands, except share amounts) Â Â Â For the Three Months Ended July 31, 2024 Â Â Â Â Â Â Â Â Â Â Additional Â Â Â Â Â Â Â Â Â Â Common Stock Â Â Paid-in Â Â Retained Â Â Â Â Â Â Â Shares Â Â Amount Â Â Capital Â Â Earnings Â Â Total Â Balance, May 1, 2024 Â Â 10,495,548 Â Â $ 105 Â Â $ 26,589 Â Â $ 7,915 Â Â $ 34,609 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Stock-based compensation expense Â Â - Â Â Â 241 Â Â Â - Â Â Â 241 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Tax withholding related to vesting of restricted stock Â Â (2,063) Â Â - Â Â Â (9) Â Â - Â Â Â (9) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Consolidated net loss Â Â - Â Â Â - Â Â Â - Â Â Â (705) Â Â (705) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Balance, July 31, 2024 Â Â 10,493,485 Â Â $ 105 Â Â $ 26,821 Â Â $ 7,210 Â Â $ 34,136 Â Â Â Â Â For the Nine Months Ended July 31, 2024 Â Â Â Â Â Â Â Â Â Â Additional Â Â Â Â Â Â Â Â Â Â Common Stock Â Â Paid-in Â Â Retained Â Â Â Â Â Â Â Shares Â Â Amount Â Â Capital Â Â Earnings Â Â Total Â Balance, November 1, 2023 Â Â 10,343,223 Â Â $ 104 Â Â $ 26,087 Â Â $ 13,571 Â Â $ 39,762 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Stock-based compensation expense Â Â - Â Â Â - Â Â Â 744 Â Â Â - Â Â Â 744 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Issuance of restricted stock Â Â 152,325 Â Â Â 1 Â Â Â (1) Â Â - Â Â Â - Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Tax withholding related to vesting of restricted stock Â Â (2,063) Â Â - Â Â Â (9) Â Â - Â Â Â (9) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Consolidated net loss Â Â - Â Â Â - Â Â Â - Â Â Â (6,361) Â Â (6,361) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Balance, July 31, 2024 Â Â 10,493,485 Â Â $ 105 Â Â $ 26,821 Â Â $ 7,210 Â Â $ 34,136 Â Â See Notes to Unaudited Condensed Consolidated Financial Statements. Â 5Â Â RF INDUSTRIES, LTD. AND SUBSIDIARIES CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERSâ€™ EQUITY (UNAUDITED) (In thousands, except share amounts) Â Â Â For the Three Months Ended July 31, 2023 Â Â Â Â Â Â Â Â Â Â Additional Â Â Â Â Â Â Â Â Â Â Common Stock Â Â Paid-in Â Â Retained Â Â Â Â Â Â Â Shares Â Â Amount Â Â Capital Â Â Earnings Â Â Total Â Balance, May 1, 2023 Â Â 10,290,377 Â Â $ 103 Â Â $ 25,634 Â Â $ 16,068 Â Â $ 41,805 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Stock-based compensation expense Â Â - Â Â Â - Â Â Â 246 Â Â Â - Â Â Â 246 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Tax withholding related to vesting of restricted stock Â Â (486) Â Â - Â Â Â (2) Â Â - Â Â Â (2) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Consolidated net loss Â Â - Â Â Â - Â Â Â - Â Â Â (1,645) Â Â (1,645) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Balance, July 31, 2023 Â Â 10,289,891 Â Â $ 103 Â Â $ 25,878 Â Â $ 14,423 Â Â $ 40,404 Â Â Â Â Â For the Nine Months ended July 31, 2023 Â Â Â Â Â Â Â Â Â Â Additional Â Â Â Â Â Â Â Â Â Â Common Stock Â Â Paid-In Â Â Retained Â Â Â Â Â Â Â Shares Â Â Amount Â Â Capital Â Â Earnings Â Â Total Â Balance, November 1, 2022 Â Â 10,193,287 Â Â $ 102 Â Â $ 25,118 Â Â $ 16,649 Â Â $ 41,869 Â Exercise of stock options Â Â 45,000 Â Â Â - Â Â Â 85 Â Â Â - Â Â Â 85 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Stock-based compensation expense Â Â - Â Â Â - Â Â Â 687 Â Â Â - Â Â Â 687 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Issuance of restricted stock Â Â 54,092 Â Â Â 1 Â Â Â - Â Â Â - Â Â Â 1 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Tax withholding related to vesting of restricted stock Â Â (2,488) Â Â - Â Â Â (12) Â Â - Â Â Â (12) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Consolidated net loss Â Â - Â Â Â - Â Â Â - Â Â Â (2,226) Â Â (2,226) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Balance, July 31, 2023 Â Â 10,289,891 Â Â $ 103 Â Â $ 25,878 Â Â $ 14,423 Â Â $ 40,404 Â Â See Notes to Unaudited Condensed Consolidated Financial Statements. Â 6Â Â Item 1: Financial Statements (continued) Â Â RF INDUSTRIES, LTD. AND SUBSIDIARIES CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (UNAUDITED) (In thousands) Â Â Â Nine Months Ended July 31, Â Â Â 2024 Â Â 2023 Â OPERATING ACTIVITIES: Â Â Â Â Â Â Â Â Consolidated net loss Â $ (6,361) Â $ (2,226) Â Â Â Â Â Â Â Â Â Â Adjustments to reconcile consolidated net loss to net cash provided by operating activities: Â Â Â Â Â Â Â Â Allowance for credit losses Â Â 2 Â Â Â 82 Â Depreciation and amortization Â Â 1,904 Â Â Â 1,795 Â Stock-based compensation expense Â Â 744 Â Â Â 687 Â Amortization of debt issuance cost Â Â 68 Â Â Â 7 Â Tax payments related to shares cancelled for vested restricted stock awards Â Â (9) Â Â (12) Deferred income taxes Â Â 2,674 Â Â Â (918) Extinguishment of debt issuance cost Â Â 14 Â Â Â - Â Changes in operating assets and liabilities: Â Â Â Â Â Â Â Â Trade accounts receivable Â Â (401) Â Â 5,438 Â Inventories Â Â 3,681 Â Â Â 850 Â Other current assets Â Â 240 Â Â Â 4,570 Â Right-of-use assets Â Â 431 Â Â Â 300 Â Other long-term assets Â Â (1) Â Â 18 Â Accounts payable Â Â (52) Â Â (2,950) Accrued expenses Â Â 475 Â Â Â (4,307) Income taxes payable Â Â - Â Â Â (760) Net cash provided by operating activities Â Â 3,409 Â Â Â 2,574 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â INVESTING ACTIVITIES: Â Â Â Â Â Â Â Â Capital expenditures Â Â (564) Â Â (2,311) Net cash used in investing activities Â Â (564) Â Â (2,311) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â FINANCING ACTIVITIES: Â Â Â Â Â Â Â Â Proceeds from exercise of stock options Â Â - Â Â Â 86 Â Debt issuance cost Â Â (520) Â Â - Â Line of credit Â Â 7,704 Â Â Â 1,000 Â Term Loan payments Â Â (13,162) Â Â (1,818) Net cash used in financing activities Â Â (5,978) Â Â (732) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Net decrease in cash and cash equivalents Â Â (3,133) Â Â (469) Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Cash and cash equivalents, beginning of period Â Â 4,897 Â Â Â 4,532 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Cash and cash equivalents, end of period Â $ 1,764 Â Â $ 4,063 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Supplemental cash flow information â€” income taxes paid Â $ 64 Â Â $ 19 Â Â See Notes to Unaudited Condensed Consolidated Financial Statements. Â 7Â Â RF INDUSTRIES, LTD. AND SUBSIDIARIES NOTES TO UNAUDITED CONDENSED CONSOLIDATED FINANCIAL STATEMENTS Â Â Note 1 â€“ Unaudited interim condensed consolidated financial statements Â Our accompanying unaudited condensed consolidated financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America (â€œGAAPâ€) for interim financial information and with the instructions to Form 10-Q. Accordingly, they do not include all of the information and footnotes required by GAAP for complete financial statements. In the opinion of management, all adjustments, which are normal and recurring and other items of gain (loss) and expense required in our view under Accounting Standards Codification (â€œASCâ€) 270, Interim Reporting, have been included for a fair statement of the financial position. Information included in the condensed consolidated balance sheet as of October 31, 2023 has been derived from, and certain terms used herein are defined in, the audited consolidated financial statements of RF Industries, Ltd. as of October 31, 2023 included in our Annual Report on Form 10-K (â€œForm 10-Kâ€) for the year ended October 31, 2023 that was previously filed with the Securities and Exchange Commission (â€œSECâ€). Operating results for the nine months ended July 31, 2024 are not necessarily indicative of the results that may be expected for the year ended October 31, 2024. The unaudited condensed consolidated financial statements should be read in conjunction with the consolidated financial statements and footnotes thereto included in our Form 10-K. Â Our accompanying unaudited condensed consolidated financial statements have been prepared assuming that the Company will continue as a going concern, which contemplates continuity of operations, realization of assets, and satisfaction of liabilities in the ordinary course of business. The propriety of using the going-concern basis is dependent upon, among other things, the achievement of future profitable operations, the ability to generate sufficient cash from operations and potential other funding sources, in addition to cash on-hand along with the current Credit Facility (as defined below), to meet its obligations as they become due. Â Although we have incurred operating losses during the three and nine months ended July 31, 2024, we have implemented certain cost-cutting measures to reduce our operating expenses and to help drive positive operating cash flow and increase liquidity. Our plan includes consolidating facilities and recognizing the related operating efficiencies and synergies in our production operations. The Company intends to continue to pursue additional continuous improvement and cost reduction measures, as well as organic growth in revenue and profitability. Â On March 15, 2024, the Company entered into the loan and security agreement with Eclipse Business Capital, as administrative agent (â€œEBCâ€), pursuant to which proceeds from initial drawings under the credit facility with EBC were used to repay in full the outstanding obligations under the prior revolving credit facility and term loan that we had with Bank of America, N.A, which such credit facility with Bank of America was terminated upon entry into the loan and security agreement with EBC. Â Principles of consolidation Â The accompanying consolidated financial statements include the accounts of RF Industries, Ltd., Cables Unlimited, Inc. (â€œCables Unlimitedâ€), Rel-Tech Electronics, Inc. (â€œRel-Techâ€), C Enterprises, Inc. (â€œC Enterprisesâ€), Schroff Technologies International, Ltd. (â€œSchrofftechâ€), and Microlab/FXR LLC (â€œMicrolabâ€), wholly-owned subsidiaries of RF Industries, Ltd. All intercompany balances and transactions have been eliminated in consolidation. Â Fair value measurement Â We measure at fair value certain financial assets and liabilities. Fair value is defined as the price that would be received to sell an asset or transfer a liability in an orderly transaction between market participants at the measurement date. GAAP specifies a hierarchy of valuation techniques based on whether the inputs to those valuation techniques are observable or unobservable. Observable inputs reflect market data obtained from independent sources, while unobservable inputs reflect our market assumptions. These two types of inputs have created the following fair-value hierarchy: Â LevelÂ 1â€” Quoted prices for identical instruments in active markets; Â LevelÂ 2â€” Quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active, and model-derived valuations in which all significant inputs and significant value drivers are observable in active markets;Â and Â LevelÂ 3â€” Valuations derived from valuation techniques in which one or more significant inputs or significant value drivers are unobservable. Â As of July 31, 2024 and October 31, 2023, the carrying amounts reflected in the accompanying consolidated balance sheets for cash and cash equivalents, accounts receivable, and accounts payable approximated their carrying value due to their short-term nature. Â 8Â Â Recent accounting standards Â Recently issued accounting pronouncements adopted: Â InÂ June 2016,Â the Financial Accounting Standards Board (â€œFASBâ€) issued Accounting Standard Update (â€œASUâ€)Â 2016-13,Â Financial Instrumentsâ€”Credit Losses, which requires a financial asset (or a group of financial assets) measured at amortized cost basis to be presented at the net amount expected to be collected. The allowance for credit losses is a valuation account that is deducted from the amortized cost basis of the financial asset(s) to present the net carrying value at the amount expected to be collected on the financial asset. The guidance is effective for fiscal years beginning afterÂ December 15, 2019.Â InÂ November 2019,Â the FASB issued ASUÂ 2019-10,Â Financial Instrumentsâ€”Credit Losses (TopicÂ 326), which pushes back the effective date for public business entities that are smaller reporting companies, as defined by the SEC, to fiscal years beginning afterÂ December 15, 2022.Â The guidance was effective for the Company beginning on November 1, 2023 and the adoption of this standard had no material impact on the Companyâ€™s condensed consolidated financial statements or related disclosures. Â Recently issued accounting pronouncements not yet adopted: Â In November 2023, the FASB issued ASU 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures, which expands annual and interim disclosure requirements for reportable segments, primarily through enhanced disclosures about significant segment expenses. ASU 2023-07 is effective for our annual periods beginning November 1, 2024, and for interim periods beginning January 1, 2025, with early adoption permitted. We are currently evaluating the potential effect that the updated standard will have on our financial statement disclosures. Â In December 2023, the FASB issued ASU 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures, to expand the disclosure requirements for income taxes, specifically related to the effective tax rate reconciliation and income taxes paid. ASU 2023-09 is effective for our annual periods beginning November 1, 2025, with early adoption permitted. We are currently evaluating the potential effect that the updated standard will have on our financial statement disclosures. Â Â Note 2 â€“ Concentrations of credit risk Â Financial instruments that potentially subject us to concentrations of credit risk consist primarily of cash and cash equivalents and accounts receivable. We maintain our cash and cash equivalents with high-credit quality financial institutions. At July 31, 2024, we had cash and cash equivalent balances in excess of federally insured limits in the amount of approximately $1.4 million. Â Sales from each customer that were 10% or greater of net sales were as follows: Â Â Â Three Months Ended July 31, Â Â Nine Months Ended July 31, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Wireless provider A Â Â - Â Â Â - Â Â Â 13% Â Wireless provider B Â Â 11% Â Â Â - Â Â Â - Â Â Â - Â Distributor A Â Â 13% Â Â Â - Â Â Â - Â Â Â - Â Distributor B Â Â - Â Â Â 12% Â Â Â - Â Â Â - Â Â Â For the three months ended July 31, 2024, one wireless carrier and one distributor customer accounted for 11% and 13% or more of net sales, and accounted for 18% and 10% of total net accounts receivable balance, respectively. For the nine months ended July 31, 2024, no customer accounted for 10% or more of net sales, but the aforementioned wireless carrier and the same distributor customer accounted for 18% and 10% of total net accounts receivable balance, respectively. For the three months ended July 31, 2023, a distributor customer accounted for 12% of net sales and 12% of total net accounts receivable balance, while another distributor whose sales were less than 10% of total net sales, accounted for 11% of total net accounts receivable balance. For the nine months ended July 31, 2023, a wireless carrier accounted for 13% of net sales and less than 10% of total net accounts receivable balance. Although these customers have been significant customers of the Company, the written agreements with these customers do not have any minimum purchase obligations and these customers could stop buying our products at any time and for any reason. A reduction, delay

or cancellation of orders from these customers or the loss of these customers could significantly reduce our future revenues and profits. Â Â Note 3 â€“ Inventories and major vendors Â Inventories, consisting of materials, labor and manufacturing overhead, are stated at the lower of cost or net realizable value. Cost has been determined using the weighted average cost method. Inventories consist of the following (in thousands):Â Â Â Â July 31, 2024 Â Â October 31, 2023 Â Â Â Â Â Â Â Â Â Â Raw materials and supplies Â $ 10,923 Â Â $ 12,957 Â Work in process Â Â 565 Â Â Â 439 Â Finished goods Â Â 3,561 Â Â Â 5,334 Â Â Â Â Â Â Â Â Â Â Totals Â $ 15,049 Â Â $ 18,730 Â Â 9 Â Â For the three months ended July 31, 2024, no single vendor accounted for 10% or more of inventory purchases. For the three months ended July 31, 2023, one vendor accounted for 10% of inventory purchases. For the nine months ended July, 2024, no single vendor accounted for 10% or more of inventory purchases and one vendor accounted for 17% of inventory purchases for the nine months ended July 31, 2023. We have arrangements with these vendors to purchase products based on purchase orders that we periodically issue. Â Â Note 4 â€“ Other current assets Â Other current assets consist of the following (in thousands):Â Â Â Â July 31, 2024 Â Â October 31, 2023 Â Â Â Â Â Â Â Â Â Â Prepaid taxes Â $ 614 Â Â $ 642 Â Prepaid expense Â Â 796 Â Â Â 953 Â Deposits Â Â 333 Â Â Â 374 Â Other Â Â 153 Â Â Â 167 Â Â Â Â Â Â Â Â Â Â Totals Â $ 1,896 Â Â $ 2,136 Â Â Â Note 5 â€“ Accrued expenses and other current liabilities Â Accrued expenses consist of the following (in thousands): Â Â Â July 31, 2024 Â Â October 31, 2023 Â Â Â Â Â Â Â Â Â Â Wages payable Â $ 2,279 Â Â $ 2,461 Â Accrued receipts Â Â 1,603 Â Â Â 1,131 Â Other accrued expenses Â Â 1,164 Â Â Â 980 Â Â Â Â Â Â Â Â Â Â Totals Â $ 5,046 Â Â $ 4,572 Â Â Accrued receipts represent purchased inventory for which invoices have not been received. Â Â Note 6 â€“Income (Loss) per share Â Basic income (loss) per share is computed by dividing net loss by the weighted average number of common shares outstanding during the period. Diluted earnings per share is computed by dividing net income by the weighted average number of common shares outstanding increased by the effects of assuming that other potentially dilutive securities (such as stock options) outstanding during the period had been exercised and the treasury stock method had been applied. During the three months ended July 31, 2024, we reported a net loss and, in periods with a net loss, the basic loss per share equals the diluted loss per share as all common stock equivalents are excluded from the per share calculation due to their anti-dilutive effect. Potentially issuable securities that are out-of-the-money totaled 846,889Â and 814,154 shares for the three months ended July 31, 2024 and 2023, respectively, and 846,889Â and 750,967 shares for the nine months ended July 31, 2024 and 2023, respectively, and were excluded from the calculation of diluted per share amounts because of their anti-dilutive effect. Â The following table summarizes the computation of basic and diluted weighted average shares outstanding: Â Â Â Three Months Ended July 31, Â Â Nine Months Ended July 31, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Weighted average shares outstanding for basic earnings per share Â Â 10,495,082 Â Â Â 10,290,265 Â Â Â 10,466,862 Â Â Â 10,267,652 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Add effects of potentially dilutive securities-assumed exercise of stock options Â Â - Â Â Â - Â Â Â - Â Â Â - Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Weighted average shares outstanding for diluted earnings per share Â Â 10,495,082 Â Â Â 10,290,265 Â Â Â 10,466,862 Â Â Â 10,267,652 Â Â 10 Â Â Â Note 7 â€“ Stock-based compensation and equity transactions Â On January 11, 2023, we granted a total of 54,092 shares of restricted stock and 108,181 incentive stock options to one manager and three officers, respectively. The shares of restricted stock and incentive stock options vest over four years as follows: (i) one-quarter of the restricted shares and options vested on January 10, 2024 and (ii) the remaining restricted shares and options shall vest in 12 equal quarterly installments over the next three years. Also on January 11, 2023, we granted another manager 50,000 incentive stock options. As of October 31, 2023, the 50,000 incentive stock options granted to the manager were cancelled and forfeited as the manager was no longer employed. All incentive stock options expire 10 years from the date of grant. Â On August 29, 2023, we granted one employee 10,000 incentive stock options. These options vested with respect to 2,500 shares on the date of grant, and the remaining shares vests in equal installments thereafter on each of the next three anniversaries of August 29, 2023. The options expire 10 years from the date of grant. Â On November 1, 2023, we granted 15,202 shares of restricted stock to one officer in lieu of cash compensation. The shares of restricted stock vest over one year as follows: (i) one-quarter of the restricted shares on January 31, 2024 and (ii) the remaining restricted shares shall vest in three equal quarterly installments. Â On January 11, 2024, we granted a total of 110,099 shares of restricted stock and 220,001 incentive stock options to one manager and three officers, respectively. The shares of restricted stock and incentive stock options vest over four years as follows: (i) one-quarter of the restricted shares and options shall vest on January 11, 2025 and (ii) the remaining restricted shares and options shall vest in 12 equal quarterly installments over the next three years. Â On April 16, 2024, we granted a total of 25,000 incentive stock options to three managers. The shares of incentive stock options vest over four years as follows: (i) one-quarter of the restricted shares and options shall vest on April 16, 2025 and (ii) the remaining restricted shares and options shall vest in 12 equal quarterly installments over the next three years. Â No other shares or options were granted to Company employees during the three and nine months ended July 31, 2024 and 2023. Â The weighted average fair value of employee stock options that were granted during the nine months ended July 31, 2024 and 2023 was estimated to be $1.76 and $3.21, respectively, per share, using the Black-Scholes option pricing model with the following assumptions: Â Â Â Nine Months Ended July 31, Â Â Â 2024 Â Â 2023 Â Risk-free interest rate Â Â 4.00 % Â Â 3.76 % Dividend yield Â Â 0.00 % Â Â 0.00 % Expected life of the option (years) Â 7.00 Â Â 7.01 Â Volatility factor Â Â 51.30 % Â Â 54.30 % Â Expected volatilities are based on historical volatility of our stock price and other factors. We used the historical method to calculate the expected life of the 2024 and 2023 option grants. The expected life represents the period of time that options granted are expected to be outstanding. The risk-free rate is based on the U.S. Treasury rate with a maturity date corresponding to the optionsâ€™ expected life. The dividend yield is based upon the historical dividend yield. Â Company stock option plans Â Descriptions of our stock option plans are included in Note 9 to our audited financial statements included in our Annual Report on Form 10-K for the year ended October 31, 2023. A summary of the status of the options granted under our stock option plans as of July 31, 2024 and the changes in options outstanding during the three months then ended is presented in the table that follows: Â Â Â Â Â Â Weighted Â Â Â Â Â Â Average Â Â Â Shares Â Â Exercise Price Â Outstanding at November 1, 2023 Â Â 754,186 Â Â $ 6.04 Â Options granted Â Â 245,001 Â Â $ 3.01 Â Options exercised Â Â - Â Â $ - Â Options cancelled Â Â (39,097) Â $ 8.03 Â Options outstanding at July 31, 2024 Â Â 960,090 Â Â $ 5.18 Â Options exercisable at July 31, 2024 Â Â 555,664 Â Â $ 5.69 Â Options vested and expected to vest at July 31, 2024 Â Â 954,623 Â Â $ 5.08 Â Â Weighted average remaining contractual life of options outstanding as of July 31, 2024: 6.78 years Â 11 Â Â Weighted average remaining contractual life of options exercisable as of July 31, 2024: 5.49Â years Â Weighted average remaining contractual life of options vested and expected to vest as of July 31, 2024: 6.78 years Â Aggregate intrinsic value of options outstanding at July 31, 2024: $448,028 Â Aggregate intrinsic value of options exercisable at July 31, 2024: $119,910 Â Aggregate intrinsic value of options vested and expected to vest at July 31, 2024: $431,622 Â As of July 31, 2024, $913,175Â and $703,899Â of expenses with respect to nonvested stock options and restricted shares, respectively, have yet to be recognized but are expected to be recognized over a weighted average period of 3.0Â and 2.6Â years, respectively. Â Stock option expense Â During the three months ended July 31, 2024 and 2023, stock-based compensation expense totaled $241,000 and $246,000, respectively, and was classified in selling and general expense. During the nine months ended July 31, 2024 and 2023, stock-based compensation expense totaled $744,000 and $687,000, respectively, and was classified in selling and general expense. Â Â Note 8 â€“ Segment information Â We aggregate operating divisions into two reporting segments that have similar economic characteristics primarily in the following areas: (1) the nature of the product and services; (2) the nature of the production process; (3) the type or class of customer for their products and services; (4) the methods used to distribute their products or services; and (5) if applicable, the nature of the regulatory environment. Based upon this evaluation, as of July 31, 2024, we had two reportable segments â€“ RF Connector and Cable Assembly (â€œRF Connectorâ€) segment and Custom Cabling Manufacturing and Assembly (â€œCustom Cablingâ€) segment. Â Management identifies segments based on strategic business units that are, in turn, based along market lines. These strategic business units offer products and services to different markets in accordance with their customer base and product usage. For segment reporting purposes, the RF Connector, C Enterprises and Microlab divisions constitute the RF Connector segment, and the Cables Unlimited, Rel-Tech, Â and Schrofftech divisions constitute the Custom Cabling segment. Â On August 1, 2023, C Enterprises moved and transitioned its physical operations into the RF Connector office in San Diego, CA. Given the synergies in consolidating both the operating divisions into one building, C Enterprises has been included in the RF Connector segment since August 1, 2023. Further, since the acquisition of C Enterprises in 2019, the customer base for the division has shifted more towards distribution as opposed to direct to end customer which is more aligned with the RF Connector segment. The segment change of including C Enterprise as part of the RF Connector segment was made retroactive to the beginning of our fiscal year starting November 1, 2022 and reclassified for fiscal 2022 for comparative purposes. In annual and interim periods reported prior to the transition on August 1, 2023, C Enterprises was included in the Custom Cabling segment. Â The RF Connector segment consists of three divisions and the Custom Cabling segment consists of three divisions. The six divisions that met the quantitative thresholds for segment reporting are the RF Connector and Cable Assembly division (â€œRF Connector divisionâ€), Cables Unlimited, Rel-Tech, C Enterprises, Schrofftech, and Microlab. While each segment has similar products and services, there was little overlapping of these services to their customer base. The biggest difference in segments is in the channels of sales: sales or product and services for the RF Connector segment were primarily through the distribution channel, while the Custom Cabling segment sales were through a combination of distribution and direct to the end customer. Â As reviewed by our chief operating decision maker, we evaluate the performance of each segment based on income or loss before income taxes. We charge depreciation and amortization directly to each division within the segment. Accounts receivable, inventory, property and equipment, right-of-use assets, goodwill and intangible assets are the only assets identified by segment. Except as discussed above, the accounting policies for segment reporting are the same for the Company as a whole. Â 12 Â Â All of our operations are conducted in the United States; however, we derive a portion of our revenue from export sales. We attribute sales to geographic areas based on the location of the customers. The following table presents the sales by geographic area for the three and nine months ended July 31, 2024 and 2023 (in thousands): Â Â Â Three Months Ended July 31, Â Â Nine Months Ended July 31, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â United States Â $ 15,473 Â Â $ 13,955 Â Â $ 41,948 Â Â $ 50,967 Â Foreign Countries: Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Canada Â Â 765 Â Â Â 703 Â Â Â 2,595 Â Â Â 1,875 Â Italy Â Â 85 Â Â Â 300 Â Â Â 270 Â Â Â 1,692 Â Mexico Â Â - Â Â Â - Â Â Â 3 Â Â Â 3 Â All Other Â Â 513 Â Â Â 694 Â Â Â 1,588 Â Â Â 1,757 Â Â Â 1,363 Â Â Â 1,697 Â Â Â 4,456 Â Â Â 5,327 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Totals Â $ 16,836 Â Â $ 15,652 Â Â $ 46,404 Â Â $ 56,294 Â Â Net sales to external customers, (loss) income before provision (benefit) for income taxes and other related segment information for the three months ended July 31, 2024 and 2023 are as follows (in thousands): Â Â Â RF Connector Â Â Custom Cabling Â Â Â Â Â Â Â Â Â Â and Â Â Manufacturing and Â Â Â Â Â Â Â Â Â Â 2024 Â Cable Assembly Â Â Assembly Â Â Corporate Â Â Total Â Net sales Â $ 9,697 Â Â $ 7,139 Â Â $ - Â Â $ 16,836 Â (Loss) income before benefit for income taxes Â Â (715) Â Â 297 Â Â Â (339) Â Â (757) Depreciation and amortization Â Â 525 Â Â Â 113 Â Â Â - Â Â Â 638 Â Total assets Â Â 49,355 Â Â Â 18,112 Â Â Â 4,393 Â Â Â 71,860 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â 2023 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Net sales Â $ 10,515 Â Â $ 5,137 Â Â $ - Â Â $ 15,652 Â (Loss) income before benefit for income taxes Â Â (1,392) Â Â (424) Â Â (311) Â Â (2,127) Depreciation and amortization Â Â 507 Â Â Â 124 Â Â Â - Â Â Â 631 Â Total assets Â Â 52,358 Â Â Â 17,345 Â Â Â 8,353 Â Â Â 78,056 Â Â Net sales to external customers, income (loss) before provision (benefit) for income taxes and other related segment information for the nine months ended July 31, 2024 and 2023 are as follows (in thousands): Â Â Â RF Connector Â Â Custom Cabling Â Â Â Â Â Â Â Â Â Â and Â Â Manufacturing and Â Â Â Â Â Â Â Â Â Â 2024 Â Cable Assembly Â Â Assembly Â Â Corporate Â Â Total Â Net sales Â $ 28,406 Â Â $ 17,998 Â Â $ - Â Â $ 46,404 Â (Loss) income before benefit from income taxes Â Â (3,104) Â Â 386 Â Â Â (877) Â Â (3,595) Depreciation and amortization Â Â 1,610 Â Â Â 294 Â Â Â - Â Â Â 1,904 Â Total assets Â Â 49,355 Â Â Â 18,112 Â Â Â 4,393 Â Â Â 71,860 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â 2023 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Net sales Â $ 34,861 Â Â $ 21,433 Â Â $ - Â Â $ 56,294 Â (Loss) income before benefit for income taxes Â Â (1,027) Â Â (958) Â Â (1,047) Â Â (3,032) Depreciation and amortization Â Â 1,418 Â Â Â 377 Â Â Â - Â Â Â 1,795 Â Total assets Â Â 52,358 Â Â Â 17,345 Â Â Â 8,353 Â Â Â 78,056 Â Â Â Note 9 â€“ Income taxes Â We use an estimated annual effective tax rate, which is based on expected annual taxable income (loss), statutory tax rates and tax planning opportunities available in the various jurisdictions in which we operate, to determine its quarterly provision (benefit) for income taxes. Certain significant or unusual items are separately recognized in the quarter in which they occur and can be a source of variability in the effective tax rates from quarter to quarter. Â We recorded income tax provisions benefitsÂ of $52,000Â and $482,000Â for the three months ended July 31, 2024 and 2023, respectively. The effective tax rate was 6.9% for the three months ended July 31, 2024, compared to 22.7% for the three months ended July 31, 2023. For the nine months ended July 31, 2024 and 2023, we recorded income tax provisions (benefits) of $2,766,000 and ($806,000), respectively. The effective tax rate was (76.9%) for the nine months ended July 31, 2024, compared to 26.6% for the nine months ended July 31, 2023. The change in effective tax rate for the nine months ended July 31, 2024 compared to the nine months ended July 31, 2023 was primarily driven by the recording of a valuation allowance of $3.6 million on deferred tax assets during the quarter ended April 30, 2024. Â 13 Â Â We had $226,000 and $178,000 of unrecognized tax benefits, as of July 31, 2024 and October 31, 2023, respectively. The unrecognized tax benefits, if recognized, would result in a net tax benefit of $203,000 as of July 31, 2024.
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Weighted Average Remaining Lease Term Â Â Â Â Â Â Â Â Â Â Operating leases (in months) Â Â 104.61 Â Â Â 114.26 Â Â Â Â Â Â Â Â Â Â Â Weighted Average Discount Rate Â Â Â Â Â Â Â Â Â Operating leases Â Â 6.99 % Â Â 6.96 % Â Future minimum lease payments under non-cancellable leases as of July 31, 2024 were as follows: Â Year ending October 31, Â Operating Leases Â Â Â Â Â Â 2024 (excluding nine months ended July 31, 2024) Â $ 795 Â 2025 Â Â 3,105 Â 2026 Â Â 3,102 Â 2027 Â Â 3,063 Â 2028 Â Â 2,997 Â Thereafter Â Â 14,878 Â Total future minimum lease payments Â Â 27,940 Â Less imputed interest Â Â (7,296) Total Â $ 20,644 Â Â Â Reported as of July 31, 2024 Â Operating Leases Â Current portion of operating lease liabilities Â $ 1,481 Â Operating lease liabilities Â Â 19,163 Â Total Â $ 20,644 Â Â As of July 31, 2024, operating lease right-of-use asset was $15.3 million and operating lease liability totaled $20.6 million, of which $1.5 million is classified as current. There were no finance leases as of July 31, 2024. Â Â Note 12 â€“ Term Loan and Line of credit Â In February 2022, we entered into a loan agreement (the â€œBofA Loan Agreementâ€) providing for a revolving line of credit (the â€œBofA Revolving Credit Facilityâ€) in the amount of $3.0 million and a $17.0 million term loan (the â€œBofA Term Loanâ€, and together with the BofA Revolving Credit Facility, the â€œBofA Credit Facilityâ€) with Bank of America, N.A. (the â€œBofAâ€). Amounts outstanding under the BofA Revolving Credit Facility bore interest at a rate of 2.0% plus the Bloomberg Short-Term Bank Yield Index Rate. All amounts outstanding pursuant to the BofA Credit Facility were repaid by us and the BofA Loan Agreement was terminated in connection with us entering into a new loan and security agreement (the â€œEBC Credit Agreementâ€) with Eclipse Business Capital, as administrative agent (â€œEBCâ€) on March 15, 2024. Borrowings under the BofA Credit Facility were secured by a security interest in certain assets of the Company and were subject to certain loan covenants. The BofACredit Facility required the maintenance of certain financial covenants, including: (i) consolidated debt to EBITDA ratio not to exceed 3.00 to 1.00 (the â€œDebt Testâ€); (ii) consolidated fixed charge coverage ratio of at least 1.25 to 1.00 (the â€œFCCR Testâ€); and (iii) consolidated minimum EBITDA of at least $600,000 for the discrete quarter ended January 31, 2022. In addition, the BofA Credit Facility contained customary affirmative and negative covenants. Â 15 Â Â On September 12, 2023, we entered into Amendment No. 1 and Waiver to the BofA Loan Agreement (â€œLoan Amendment No. 1â€) with BofA, which, among other matters, provided for a one-time waiver of our failure to comply with (i) the Debt Test for the period ended July 31, 2023 and (ii) the FCCR Test for the period ended July 31, 2023. Loan Amendment No. 1 also waived testing for compliance with the Debt Test and FCCR Test for the quarterly periods ending October 31, 2023, January 31, 2024, April 30, 2024 and July 31, 2024. Further, pursuant to Loan Amendment No. 1, we were required to maintain (i) (a) until September 21, 2023, minimum liquidity (week-end cash balance plus availability from the BofA Revolving Credit Facility) of $4.0 million, and (b) from September 22, 2023 and thereafter, liquidity equal to the greater of (1) $4.0 million or (2) 80% of the liquidity that had been forecast for this date at the fourth week of the forecast and (ii) minimum EBITDA of ($400,000), $500,000, $1.0 million, and $1.0 million for the quarters ending October 31, 2023, January 31, 2024, April 30, 2024, and July 31, 2024, respectively. Â On January 26, 2024, we entered into Amendment No. 2 to the BofA Loan Agreement (â€œLoan Amendment No. 2â€) with BofA, which, among other matters, eliminated the requirement to maintain minimum EBITDA of $500,000 for the quarter ending January 31, 2024. Under Loan Amendment No. 2, the line of credit available to the Company under the BofA Revolving Credit Facility was lowered from $3.0 million to $500,000. Further, Loan Amendment No. 2 required that we maintain from September 22, 2023 and thereafter, liquidity of at least $2.0 million, rather than the greater of $4.0 million or 80% of the forecast liquidity as was required under Loan Amendment No. 1. Under Loan Amendment No. 2, the Company would have been required to pay an additional fee equal to 1% of the collective outstanding principal balances of the BofA Revolving Credit Facility and BofA Term Loan if the BofA Credit Facility was not repaid in full on or before March 1, 2024. This additional fee, if applicable, would have been due on March 2, 2024. Further, Loan Amendment No. 2 required that the Company make an additional principal payment of $1.0 million on the BofA Term Loan on March 1, 2024, in addition to the existing monthly payments due on the BofA Term Loan. In connection with Loan Amendment No. 2, we paid BofA a $500,000 paydown on the BofA Revolving Credit Facility, thereby reducing the outstanding balance from $1.0 million to $500,000. Loan Amendment No. 2 was considered a modification under ASC 470, Debt. Â On February 29, 2024, we entered into Amendment No. 3 to the BofALoan Agreement (â€œLoan Amendment No. 3â€) with BofA, which, among other matters, deferred the requirement that the Company make an additional principal payment of $1.0 million on the BofA Term Loan, from March 1, 2024, as was required under Loan Amendment No. 2, to April 1, 2024. Further, Loan Amendment No. 3 reduced the additional fee the Company was required to pay BofA on March 2, 2024 from 1% of the collective outstanding principal balances of the BofA Revolving Credit Facility and BofA Term Loan as of March 1, 2024 as required under Loan Amendment No. 2, to 0.50% of the collective outstanding principal balances of the BofA Revolving Credit Facility and BofA Term Loan as of March 1, 2024. Additionally, Loan Amendment No. 3 required the Company to pay BofA a fee equal to 0.50% of the collective outstanding principal balances of the BofA Revolving Credit Facility and BofA Term Loan as of March 1, 2024, if the BofA Credit Facility was not repaid in full on or before April 2, 2024 (the â€œApril 2024 Feeâ€). The April 2024 Fee, if applicable, would have been due on April 2, 2024. We were not required to pay the April 2024 Fee based on our repayment of the BofA Credit Facility prior to April 2, 2024. Under Loan Amendment No. 3, the Company was required to maintain liquidity of at least $2.0 million and pay the remaining outstanding balance of $500,000 on the BofA Revolving Credit Facility by March 1, 2024, as required under Loan Amendment No. 2.Â Loan Amendment No. 3Â was considered a modification under ASC 470, Debt. Â On March 15, 2024, we entered into the EBC Credit Agreement and used proceeds from the initial drawings under the EBC Credit Facilities (as defined below) to repay in full outstanding obligations under the BofA Loan Agreement and to pay fees, premiums, costs and expenses, including fees payable in connection with the EBC Credit Agreement. The BofA Loan Agreement was terminated upon entry into the EBC Credit Agreement and is no longer in effect. Â The EBC Credit Agreement provides for (i) a senior secured revolving loan facility of up to $15.0 million (the â€œEBC Revolving Loan Facilityâ€) and (ii) a senior secured revolving credit facility of up to $1.0 million (the â€œEBC Additional Lineâ€ and, together with the EBC Revolving Loan Facility, the â€œEBC Credit Facilitiesâ€) (with a $3.0 million swingline loan sublimit). On June 14, 2024, the parties entered into a First Amendment to the EBC Credit Agreement (the â€œFirst Amendmentâ€) providing for a modified EBC Additional Line of $1.0Â million through July 12, 2024, $666,666.67 from July 13, 2024 through August 11, 2024 and $333,333.34 from August 12, 2024 through September 10, 2024. Availability of borrowings under the EBC Credit Facilities will be based upon a borrowing base formula and periodic borrowing base certifications valuing certain of our accounts receivable and inventories, as reduced by certain reserves, if any. Â In the absence of an Event of Default (as defined in the EBC Credit Agreement) or certain other events (including the inability of EBC to determine the secured overnight financing rate â€œSOFRâ€), borrowings under (a) the EBC Revolving Loan Facility accrue interest at a rate of the one-month term SOFR reference rate plus an adjustment of 0.11448% (â€œAdjusted Term SOFRâ€) plus 5.00%, and (b) the EBC Additional Line accrue interest at a rate of Adjusted Term SOFR plus 6.50%, in each case subject to a floor of 2.00% for Adjusted Term SOFR. We will be required to pay a commitment fee for the unused portion of the EBC Revolving Loan Facility of 0.50% per annum. In addition to the foregoing unused commitment fee, we are required to pay certain other administrative fees pursuant to the terms of the EBC Credit Agreement. Â 16 Â Â Borrowings under the EBC Credit Agreement are secured by a security interest in certain assets of the Company and are subject to certain loan covenants. The EBC Credit Facilities require the maintenance of certain financial covenants, including (i) Excess Availability (as defined in the EBC Credit Agreement) of at least, as of any date of determination, an amount equal to the greater of (a) $1.0 million and (b) 10% of the Adjusted Borrowing Base (as defined in the EBC Credit Agreement), unless as of the last day of the most recent month for which the monthly financial statements and the related compliance certificate have been or are required to have been delivered to EBC, the Fixed Charge Coverage Ratio (as defined in the EBC Credit Agreement) for the twelve consecutive calendar month period then ended is greater than 1.10 to 1.00; and (ii) a capital expenditure limitation limiting the aggregate cost of all Capital Expenditure (as defined in the EBC Credit Agreement) to $2.5 million during any fiscal year. In addition, the EBC Credit Facilities contain customary affirmative and negative covenants. Â The foregoing description of the EBC Credit Agreement does not purport to be complete and is qualified in its entirety to the full text of the EBC Credit Agreement and First Amendment. We filed the EBC Credit Agreement as Exhibit 10.3 to our Quarterly Report on Form 10-Q for the quarter ended January 31, 2024 and the First Amendment is filed as Exhibit 10.1 to this Quarterly Report on Form 10-Q for the quarter ended July 31, 2024 and each is incorporated by reference herein. Â Debt issuance costs related to the EBC Credit Agreement totaled $455,000 and were included as part of our other long term assets balance. Â As of July 31, 2024, our outstanding borrowings under the EBC Credit Agreement were $8,704,000. In accordance with ASC 470-10-45, Other Presentations Matters - General, we have classified the outstanding borrowings as part of current liabilities. Â Â Note 13 â€“ Cash dividend and declared dividends Â We did not pay any dividends during the three or nine months ended July 31, 2024, nor during the three or nine months ended July 31, 2023. Â Item 2: Managementâ€™s Discussion and Analysis of Financial Condition and Results of OperationsÂ Â This report contains forward-looking statements. These statements relate to future events or our future financial performance. In some cases, you can identify forward-looking statements by terminology such as â€œmay,â€Â â€œwill,â€Â â€œshould,â€Â â€œexpect,â€Â â€œplan,â€Â â€œanticipate,â€Â â€œbelieve,â€Â â€œestimate,â€Â â€œpredict,â€Â â€œpotentialâ€Â orÂ â€œcontinue,â€Â the negative of such terms or other comparable terminology. These statements are only predictions. Actual events or results may differ materially. Â Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, levels of activity, performance or achievements. Moreover, neither the Company, nor any other person, assumes responsibility for the accuracy and completeness of the forward-looking statements. We are under no obligation to update any of the forward-looking statements after the filing of this Quarterly Report on Form 10-Q to conform such statements to actual results or to changes in its expectations. Â The following discussion should be read in conjunction with our unaudited condensed consolidated financial statements and the related notes and other financial information appearing elsewhere in this Form 10-Q. Readers are also urged to carefully review and consider the various disclosures made by the Company which attempt to advise interested parties of the factors which affect our business, including without limitation the disclosures made under the captionÂ â€œManagementâ€™s Discussion and Analysis of Financial Condition and Results of Operations,â€Â under the captionÂ â€œRisk Factors,â€Â and the audited consolidated financial statements and related notes included in our Annual Report filed on Form 10-K for the year ended October 31, 2023 and other reports and filings made with the Securities and Exchange Commission. Â Critical Accounting Estimates Â Our unaudited condensed consolidated financial statements are prepared in accordance with accounting principles generally accepted in the United States of America (â€œGAAPâ€). The preparation of these unaudited condensed consolidated financial statements requires us to make significant estimates and judgments that affect the reported amounts of assets, liabilities, revenues, expenses and related disclosure of contingent assets and liabilities. We evaluate our estimates, including those related to credit losses, inventory reserves, earn-out liabilities, and contingencies on an ongoing basis. We base our estimates on historical experience and on various other assumptions that are believed to be appropriate under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates under different assumptions or conditions. Â Inventories - allowance for excess and slow moving items Â Inventories are stated at the lower of cost or net realizable value, with cost determined using the weighted average cost method of accounting. Certain items in inventory may be considered obsolete or excess and, as such, we periodically review our inventories for excess and slow moving items and make provisions as necessary to properly reflect inventory value. Because inventories have, during the past few years, represented up to one-fourth of our total assets, any reduction in the value of our inventories would require us to take write-offs that would affect our net worth and future earnings. Â 17 Â Â Allowance for Credit Losses Â Our accounts receivable arise primarily from sales on credit to customers. We establish an allowance for credit losses to present the net amount of accounts receivable expected to be collected. The allowance is determined by using the loss-rate method, which requires an estimation of loss rates based upon historical loss experience adjusted for factors that are relevant to determining the expected collectability of accounts receivable. Some of these factors include macroeconomic conditions that correlate with historical loss experience, delinquency trends, aging behavior of receivables and credit and liquidity quality indicators for industry groups, customer classes or individual customers.Â During the three months ended July 31, 2024, we considered the current and expected future economic and market conditions and concluded that no material adjustment to Credit Losses was required as of July 31, 2024 relative to October 31, 2023. Â Impairment testing on Long-Lived Assets Including Goodwill Â We assess property, plant and equipment and intangible assets, which are considered definite-lived assets, for impairment. Definite-lived assets are reviewed when there is evidence that events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. We measure recoverability of these assets by comparing the carrying amounts to the future undiscounted cash flows the assets are expected to generate. If property and equipment and intangible assets are considered to be impaired, the impairment to be recognized equals the amount by which the carrying value of the asset exceeds its fair market value. Â We amortize our intangible assets with definite useful lives over their estimated useful lives and review these assets for impairment. Â We test our goodwill and trademarks and indefinite-lived assets for impairment at least annually or more frequently if events or changes in circumstances indicate these assets may be impaired. These events or circumstances require significant judgment and could include a significant change in the business climate, legal factors, operating performance indicators, competition and sale or disposition of all or a portion of a division. This analysis requires significant judgments, including estimation of future cash flows, which is dependent on internal forecasts, estimation of the long-term rate of growth for our business, estimation of the useful life over which cash flows will occur, and determination of our weighted average cost of capital. Â Valuation Allowance on Deferred Income Taxes Â We record a tax provision (benefit) for the anticipated tax consequences of the reported results of operations. Income taxes are accounted for under the asset and liability method, under which deferred tax assets and liabilities are recognized for the expected future tax consequences of temporary differences between the financial reporting and tax bases of assets and liabilities, and for operating losses and tax credit carryforwards. Deferred tax assets and liabilities are measured using the currently enacted tax rates as of the date of the financial statements that apply to taxable income in effect for the years in which those tax assets are expected to be realized or settled. We record a valuation allowance to reduce deferred tax assets to the amount that is believed more likely than not to be realized. Â Stock-based Compensation Â We use the Black-Scholes model to value the stock option grants. This valuation is affected by our stock price as well as assumptions regarding a number of inputs which involve significant judgments and estimates. These inputs include the expected term of employee stock options, the expected volatility of the stock price, the risk-free interest rate and expected dividends. Â Overview Â RF Industries, Ltd. (together with subsidiaries, the â€œCompany,â€ â€œweâ€, â€œusâ€, or â€œourâ€) is a national manufacturer and marketer of interconnect products and systems, including high-performance components such as RF connectors and adapters, dividers, directional couplers and filters, coaxial cables, data cables, wire harnesses, fiber optic cables, custom cabling, energy-efficient cooling systems and integrated small cell enclosures. Through our manufacturing and production facilities, we provide a wide selection of interconnect products and solutions primarily to telecommunications carriers and equipment manufacturers, wireless and network infrastructure carriers and manufacturers and to various original equipment manufacturers (â€œOEMsâ€) in several market segments. We also design, engineer, manufacture and sell energy-efficient cooling systems and integrated small cell solutions and related components. Â We operate through two reporting segments: (i) the RF Connector and Cable Assembly (â€œRF Connectorâ€) segment, and (ii) the Custom Cabling Manufacturing and Assembly (â€œCustom Cablingâ€) segment. The RF Connector segment primarily designs, manufactures, markets and distributes a broad range of RF connector, adapter, coupler, divider, and cable products, including coaxial passives and cable assemblies that are used in telecommunications and information technology, OEM markets and other end markets. The Custom Cabling segment designs, manufactures, markets and distributes custom copper and fiber cable assemblies, complex hybrid fiber optic and power solution cables, electromechanical wiring harnesses for a broad range of applications in a diverse set of end markets, energy-efficient cooling systems for wireless base stations and remote equipment shelters and custom designed, pole-ready 4G and 5G small cell integrated enclosures. Â 18 Â Â For the nine months ended July 31, 2024, revenues from the Custom Cabling segment were generated from the sale of fiber optics cable, copper cabling, custom patch cord assemblies, and wiring harnesses, which collectively accounted for 39% of the Companyâ€™s total sales. Revenues from the RF Connector segment were generated from the sales of RF Connector products and cable assemblies and accounted for 61% of total sales for the nine months ended July 31, 2024. The RF Connector segment mostly sells standardized products regularly used by customers and, therefore, has a more stable revenue stream. On the other hand, the Custom Cabling segment mostly designs, manufactures, and sells customized cabling and wireless-related equipment under larger purchase orders. Accordingly, the Custom Cabling segment is more dependent upon larger orders and its revenues can therefore be more volatile than the revenues of the RF Connector segment. Â Our corporate headquarters are located at 16868 Via Del Campo Court, Suite 200, San Diego, CA 92127. Our phone number is (858) 549-6340. Â Liquidity and Capital Resources Â Historically, we have been able to fund our liquidity and other capital requirements from funds we generated from operations. However, we have incurred an operating loss during the nine months ended July 31, 2024. During the period, we have implemented certain cost-cutting measures to reduce our operating expenses and to help drive positive operating cash flow and increase liquidity. Our plan includes consolidating facilities and recognizing the related operating efficiencies

and synergies in our production operations. We intend to continue to pursue additional continuous improvement and cost reduction measures, as well as organic growth in revenue and profitability. Â As of July 31, 2024, we had a total of $1.8 million of cash and cash equivalents compared to a total of $4.9 million of cash and cash equivalents as of October 31, 2023. As of July 31, 2024, we had working capital of $11.0 million and a current ratio of approximately 1.6:1 with current assets of $29.4 million and current liabilities of $18.4 million. We believe that the amount of cash remaining, plus the amount available to us under the EBC Revolving Loan Facility, will be sufficient to fund our anticipated liquidity needs. Â As of July 31, 2024, we had $20.1 million of backlog, compared to $16.1 million as of October 31, 2023. Since purchase orders are submitted from customers based on the timing of their requirements, our ability to predict orders in future periods or trends in future periods is limited. Furthermore, purchase orders may be subject to cancellation from customers, although we have not historically experienced material cancellations of purchase orders. Â In the nine months ended July 31, 2024, we generated $3.4 million of cash in our operating activities. This net inflow of cash is primarily related to $3.7 million from inventories, $1.9 million from depreciation and amortization, $0.7 million from stock-based compensation expense, $0.4 million from right-of-use assets, $0.5 million from accrued expenses, $0.2 million from other current assets, $68,000 from debt issuance amortization and $14,000 from extinguishment of debt issuance costs. The cash usage was primarily due to the net loss of $6.4 million, change in accounts receivable of $0.4 million and payments of accounts payable of $52,000. We also recorded a non-cash item of $2.7 million from deferred income taxes. Â During the nine months ended July 31, 2024, we also spent $0.6 million on capital expenditures, $13.2 million in BofA Term Loan payments, $0.5 million of debt issuance cost and drew $7.7 million on the EBC Revolving Loan Facility (used to pay down the BofATerm Loan). Â Our goal to expand and grow our business both organically and through acquisitionsÂ may require material additional capital equipment. In the past, we have purchased all additional equipment, or financed some of our equipment and furnishings requirements through capital leases. At this time, we have not identified any additional capital equipment purchases that would require significant additional leasing or capital expenditures during the next 12 months. We also believe that based on our current financial condition, our current backlog of unfulfilled orders, and our anticipated future operations, we would be able to finance our expansion, if necessary. Â From time to time, we may undertake acquisitions of other companies or product lines in order to diversify our product and solutions offerings and customer base. Conversely, we may undertake the disposition of a division or product line due to changes in our business strategy or market conditions.Â Acquisitions may require the outlay of cash, which may reduce our liquidity and capital resources while dispositions may increase our cash position, liquidity and capital resources. Since our goal is to continue to expand our operations and accelerate our growth through future acquisitions, we may use some of our current capital resources to fund acquisitions we may undertake in the future. Â Results of Operations Â Three Months Ended July 31, 2024 vs. Three Months Ended July 31, 2023 Â Net sales for the three months ended July 31, 2024 (the â€œfiscal 2024 quarterâ€) increased by 7.6%, or $1.1 million, to $16.8 million as compared to the three months ended July 31, 2023 (the â€œfiscal 2023 quarterâ€). Net sales for the fiscal 2024 quarter at the Custom Cabling segment increased by $2.0 million, or 39.2%, to $7.1 million, compared to $5.1 million in the fiscal 2023 quarter. The increase was primarily the result of an increase in sales of thermal cooling and small cell enclosures at Schrofftech and hybrid fiber cables to wireless customers. Net sales for the fiscal 2024 quarter at the RF Connector segment decreased by $0.8 million, or 7.6%, to $9.7 million as compared to $10.5 million in the fiscal 2023 quarter. This was primarily due to a decrease in sales to some of our distributor customers related to seasonality, lower levels of inventory kept on hand in the channel, and the significantly lower carrier capital expenditure environment, leading to fewer carrier projects involving approved RF components. Â 19 Â Â Gross profit for the fiscal 2024 quarter increased by $1.1 million to $5.0 million, and gross margins increased to 29.5% of sales compared to 24.4% of sales in the fiscal 2023 quarter. The increase in gross profit and increase in gross margin was primarily the result of increased efficiencies from facility consolidation, cost reduction initiatives and product mix. Â Engineering expenses decreased by $36,000 to $0.7 million in the fiscal 2024 quarter compared to $0.7 million in the fiscal 2023 quarter. The decrease was the result of more concentrated engineering activities coupled with other cost-savings initiatives. Engineering expenses represent costs incurred relating to the ongoing research and development of current and new products. Â Selling and general expenses decreased by $0.4 million to $4.7 million (28.1% of sales) compared to $5.1 million (32.9% of sales) in the third quarter last year, primarily due to restructuring of sales and marketing activities along with related cost savings initiatives. We did not incur any one-time charges in the fiscal 2024 quarter. Â For the fiscal 2024 quarter, the Custom Cabling segment had pretax income of $0.3 million and the RF Connector segment had a pretax loss of $0.7 million, as compared to $0.4 million loss and $1.4 million loss, respectively, for the comparable quarter last year. The increase in pretax income at the Custom Cabling segment was due to a more favorable product mix. The decrease in the pretax net income at the RF Connector segment was primarily due to decreased sales to some of our distributor customers based on lower levels of inventory kept on hand in the channel, and the lower carrier capital expenditure environment, leading to fewer carrier projects involving approved RF components.Â Â For fiscal 2024 and 2023 quarters, we recorded income tax benefit of $52,000 and $482,000, respectively. The effective tax rate was 6.9% for the fiscal 2024 quarter, compared to 22.7% for the fiscal 2023 quarter. The change in the effective tax rate from the fiscal 2024 quarter to fiscal 2023 quarter was primarily driven by the recording of a valuation allowance of $3.6 million on our deferred tax asset. Â For the fiscal 2024 quarter, net loss was $0.7 million and fully diluted loss per share was $0.07, compared to a net loss of $1.6 million and fully diluted loss per share of $0.16 for the fiscal 2023 quarter. For the fiscal 2024 quarter, the diluted weighted average shares outstanding were 10,495,082 as compared to 10,290,265 for the fiscal 2023 quarter. Â Nine Months Ended July 31, 2024 vs. Nine Months Ended July 31, 2023 Â Net sales for the nine months ended July 31, 2024 (the â€œfiscal 2024 nine-month periodâ€) of $46.4 million decreased by 17.6%, or $9.9 million, compared to the nine months ended July 31, 2023 (the â€œfiscal 2023 nine-month periodâ€). The decrease in net sales is attributable mainly to the RF Connector segment, which decreased by $6.5 million, or 18.6%, to $28.4 million compared to $34.9 million in the fiscal 2023 nine-month period, primarily due to decreased sales to some of our distributor customers based on lower levels of inventory kept on hand in the channel, and the lower carrier capital expenditure environment, leading to fewer carrier projects involving approved RF components. The Net sales for the fiscal 2024 nine-month period at the Custom Cabling segment decreased by $3.4 million, or 15.9%, to $18.0 million compared to $21.4 million in the fiscal 2023 nine-month period, primarily due to a decrease in sales of hybrid fiber cables to wireless customers at Cables Unlimited. Â Gross profit for the fiscal 2024 nine-month period decreased by $1.9 million to $13.1 million while gross margins increased to 28.2% of sales compared to 26.7% of sales in the fiscal 2023 nine-month period. The decrease in gross profit was primarily a result of the decrease in sales while gross margins remained relatively consistent due to product mix and other cost-savings initiatives. Â Engineering expenses decreased $0.4 million to $2.1 million for the fiscal 2024 nine-month period compared to $2.5 million in the fiscal 2023 nine-month period. The decrease was primarily the result of headcount reduction, more concentrated engineering activities and other cost-savings initiatives. Engineering expenses represent costs incurred relating to the ongoing research and development of new products. Â Selling and general expenses decreased by $1.3 million to $13.9 million (30.0% of sales) compared to $15.2 million (27.0% of sales) in the nine-month period last year primarily due to a decrease in variable compensation related to commissions and bonuses, resulting from lower sales. We also realized cost savings from restructuring, coupled with reduced general office and IT expenses. We incurred one-time charges of $0.2 million relating to consulting spend, severance, and an inventory appraisal in fiscal 2024. Â For the fiscal 2024 nine-month period, pretax income for the Custom Cabling segment was $0.4 million and the pretax loss for the RF Connector segment was $3.1 million, as compared to $1.0 million loss and $1.0 million loss, respectively, for the comparable nine-month period last year. Â For the fiscal 2024 and 2023 nine-month periods, we recorded income tax provision (benefit) of $2,766,000 and ($806,000), respectively. The effective tax rate was (76.9%) for the fiscal 2024 nine-month period, compared to 26.6% for the fiscal 2023 nine-month period. The change in effective tax rate for the fiscal 2024 and 2023 nine-month periods was primarily driven by the recording of a valuation allowance of $3.6 million on our deferred tax asset. Â For the fiscal 2024 nine-month period, net loss was $6.4 million and fully diluted loss per share was ($0.61) per share as compared to a net loss of $2.2 million and fully diluted loss per share of $0.22 per share for the fiscal 2023 nine-month period. For the fiscal 2024 nine-month period, the diluted weighted average shares outstanding were 10,466,862 as compared to 10,267,652 for the fiscal 2023 nine-month period. Â 20 Â Â Item 3. Quantitative and Qualitative Disclosures about Market Risk Â As a â€œsmaller reporting companyâ€ as defined by Item 10 of Regulation S-K, the Company is not required to provide the information required under this Item. Â Item 4. Controls and Procedures Â Evaluation of Disclosure Controls and Procedures Â We maintain disclosure controls and procedures (as defined in Exchange Act Rule 13a-15(e)) that are designed to assure that information required to be disclosed in our Exchange Act reports is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commissionâ€™s rules and forms, and that such information is accumulated and communicated to management, including the Chief Executive Officer and Chief Financial Officer, as appropriate, to allow timely decisions regarding required disclosures. Â In designing and evaluating the disclosure controls and procedures, we recognize that any controls and procedures, no matter how well designed and operated, can provide reasonable assurance only of achieving the desired control objectives, and we necessarily are required to apply our judgment in weighing the costs and benefits of possible new or different controls and procedures. Limitations are inherent in all control systems, so no evaluation of controls can provide absolute assurance that all control issues and any fraud have been detected.Â Because of the inherent limitations, we regularly review our system of internal control over financial reporting and make changes to our processes and systems to improve controls and increase efficiency, and to maintain an effective internal control environment. Changes may include such activities as implementing new, more efficient systems, consolidating activities, and migrating processes. Â As required by Exchange Act Rule 13a-15(b), as of the end of the period covered by this report, we, under the supervision and with the participation of our Chief Executive Officer and Chief Financial Officer, evaluated the effectiveness of our disclosure controls and procedures. Based on this evaluation, our Chief Executive Officer and Chief Financial Officer concluded that our disclosure controls and procedures were effective at a reasonable assurance level as of July 31, 2024. Â Changes in Internal Control Over Financial Reporting Â During the second quarter of fiscal 2024, the Company implemented additional internal control over financial reporting as such term is defined in Rule 13a-15(f) of the Exchange Act, that materially affected, or are reasonably likely to materially affect, the Companyâ€™s internal control over financial reporting. Â As described throughout this Quarterly Report, on March 15, 2024, the Company entered into the EBC Credit Agreement, under which proceeds from the initial drawings under the EBC Credit Facilities were used to repay in full the outstanding obligations under the BofA Loan Agreement. As a result of the EBC Credit Agreement and the loan structure, the Company implemented various processes and procedures which include continuous monitoring of the outstanding borrowings balance and the available borrowings, along with various updates to the payment process. Â Part II. OTHER INFORMATION Â Item 1. Legal Proceedings Â From time to time, we may become involved in various lawsuits and legal proceedings which arise in the ordinary course of business. Litigation is subject to inherent uncertainties, and an adverse result in these or other matters may arise from time to time that may harm our business. As of the date of this report, we are not subject to any proceeding that is not in the ordinary course of business or that is material to the financial condition of our business. Â Item 1A. Risk Factors Â Our business, financial condition and operating results are affected by a number of factors, whether currently known or unknown, including risks specific to us or our industry, as well asÂ risks that affect businesses in general. In addition to the information and risk factors set forth in this Quarterly Report on Form 10-Q, you should carefully consider the factors discussed in Part I, Item 1A, â€œRisk Factorsâ€ in our Annual Report on Form 10-K for the fiscal year ended OctoberÂ 31, 2023, filed with the SEC on JanuaryÂ 29, 2024. The risks disclosed in such Annual Report and in this Quarterly Report could materially adversely affect our business, financial condition, cash flows, or results of operations and thus our stock price. Other than the risk factor set forth below, we believe there have been no material changes in our risk factors from those disclosed in the Annual Report. However, additional risks and uncertainties not currently known or which we currently deem to be immaterial may also materially adversely affect our business, financial condition, or results of operations. Â 21 Â Â These risk factors may be important to understanding other statements in this Quarterly Report and should be read in conjunction with the unaudited condensed consolidated financial statements and related notes in Part I, Item 1, â€œFinancial Statementsâ€ and Part I, Item 2, â€œManagementâ€™s Discussion and Analysis of Financial Condition and Results of Operationsâ€ of this Quarterly Report on Form 10-Q. Because of such risk factors, as well as other factors affecting the Companyâ€™s financial condition and operating results, past financial performance should not be considered to be a reliable indicator of future performance, and investors should not use historical trends to anticipate results or trends in future periods. Â The following is an updated risk factor to the risk factors previously disclosed and included in our Annual Report on Form 10-K for the fiscal year ended October 31, 2023: Â We entered into a Loan Agreement to fund our acquisition of Microlab, which was subsequently replaced with a new credit facility, which may expose us to additional risks, including risks associated with the inability to repay the loan on a timely basis. Â On March 15, 2024, we entered into a new loan and security agreement (the â€œEBC Credit Agreementâ€),Â with Eclipse Business Capital as administrative agent (â€œEBCâ€) providing for (i) a senior secured revolving loan facility of up to $15.0 million (the â€œEBC Revolving Loan Facilityâ€) and (ii) a senior secured revolving credit facility of up to $1.0 million (the â€œEBC Additional Lineâ€ and, together with the EBC Revolving Loan Facility, the â€œEBC Credit Facilitiesâ€) (with a $3.0 million swingline loan sublimit). Pursuant to the terms of the First Amendment to the EBC Credit Agreement, the EBC Additional Line was modified to provide for $1.0 million through July 12, 2024, $666,666.67 from July 13, 2024 through August 11, 2024 and $333,333.34 from August 12, 2024 through September 10, 2024. We used proceeds from the initial drawings under the EBC Credit Facilities to repay in full outstanding obligations under the loan agreement (the â€œBofA Loan Agreementâ€) previously entered into by us and Bank of America, N.A. (the â€œBofAâ€) used to fund our acquisition of Microlab. Additional proceeds from the initial drawings under the EBC Credit Facilities were used to pay fees, premiums, costs and expenses, including fees payable in connection with the EBC Credit Agreement. The BofA Loan Agreement was terminated upon entry into the EBC Credit Agreement and is no longer in effect. Â Availability of borrowings under the EBC Credit Facilities will be based upon a borrowing base formula and periodic borrowing base certifications valuing certain of our accounts receivable and inventories, as reduced by certain reserves, if any. Â In the absence of an Event of Default (as defined in the EBC Credit Agreement) or certain other events (including the inability of EBC to determine the secured overnight financing rate â€œSOFRâ€), borrowings under (a) the EBC Revolving Loan Facility accrue interest at a rate of the one-month term SOFR reference rate plus an adjustment of 0.11448% (â€œAdjusted Term SOFRâ€) plus 5.00%, and (b) the EBC Additional Line accrue interest at a rate of Adjusted term SOFR plus 6.50%, in each case subject to a floor of 2.00% for Adjusted Term SOFR. We will be required to pay a commitment fee for the unused portion of the EBC Revolving Loan Facility of 0.50% per annum. In addition to the foregoing unused commitment fee, we are required to pay certain other administrative fees pursuant to the terms of the EBC Credit Agreement. Â Our failure to comply with the terms of the EBC Credit Agreement could result in a default under the agreement. EBC may accelerate the payment terms of the EBC Credit Agreement upon the occurrence of certain events of default set forth therein. Any event that could require us to repay debt prior to its due date could have a material adverse impact on our financial condition and results of operations and may affect our ability to continue as a going concern. Further, any renegotiation, refinancing or additional indebtedness that we incur in the future may subject us to further covenants. Â Our ability to comply with terms contained in the EBC Credit Agreement may be affected by events beyond our control, including prevailing economic, financial and industry conditions. Even if we are able to comply with all of the applicable covenants and terms, the restrictions on our ability to manage our business in our sole discretion could adversely affect our business by, among other things, limiting our ability to take advantage of financings, mergers, acquisitions and other corporate opportunities that we believe would be beneficial to us. In addition, our obligations under the EBC Credit Agreement are secured, on a first-priority basis, and such security interests could be enforced by EBC in the event of default by us. Â Item 2. Unregistered Sales of Equity Securities and Use of Proceeds Â Unregistered Sales of Equity Securities Â None. Â Issuer Purchases of Equity Securities Â None. Â Item 3. Defaults upon Senior Securities Â None. Â Item 4. Mine Safety Disclosures Â Not applicable. Â 22 Â Â Â Item 5. Other Information Â Insider Trading Arrangements Â During the quarterly period ended July 31, 2024, no director or officer adopted or terminated any Rule 10b5-1 trading arrangement, and/or any non-Rule 10b5-1 trading arrangement (as such terms are defined pursuant to Item 408 of Regulation S-K). Â Â Â Item 6. Exhibits Â Exhibit Â Number Â Â Â 10.1 First Amendment to Loan and Security Agreement, dated June 14, 2024, by and among RF Industries, Ltd., its subsidiaries, the lenders and Eclipse Business Capital LLC. Â Â 31.1 Certification of Chief Executive Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. Â Â 31.2 Certification of Chief Financial Officer pursuant to Section 302 of the Sarbanes-Oxley Act of 2002. Â Â 32.1 Certification of Chief Executive Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. Â Â 32.2 Certification of Chief Financial Officer pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002. Â Â 101.INS Inline XBRL Instance Document. Â Â 101.SCH Inline XBRL Taxonomy Schema. Â Â 101.CAL Inline XBRL Taxonomy Extension Calculation Linkbase. Â Â 101.DEF Inline XBRL Taxonomy Extension Definition Linkbase. Â Â 101.LAB Inline XBRL Taxonomy Extension Label Linkbase. Â Â 101.PRE Inline XBRL Taxonomy Extension Presentation Linkbase. Â Â 104 Cover Page Interactive Data File (formatted as Inline XBRL and contained in Exhibit 101) Â 23 Â Â SIGNATURES Â Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized. Â Â Â RF

INDUSTRIES, LTD. Â Â Â Date: September 16, 2024 By: /s/ Robert Dawson Â Robert Dawson Chief Executive Officer (Principal Executive Officer) Â Â Date: September 16, 2024 By: /s/ Peter Yin Â Peter Yin Chief Financial Officer (Principal Financial and Accounting Officer) Â 24 EX-10.1 2 ex_723740.htm EXHIBIT 10.1 ex_723740.htm Exhibit 10.1 Â FIRST AMENDMENT TO LOAN AND SECURITY AGREEMENT Â This First Amendment to Loan and Security Agreement (this â€œAmendmentâ€) dated as of June 14, 2024 is by and among RF INDUSTRIES, LTD., a Nevada corporation, CABLES UNLIMITED, INC., a New York corporation, REL-TECH ELECTRONICS, INC., a Connecticut corporation, C ENTERPRISES, INC., a California corporation, SCHROFF TECHNOLOGIES INTERNATIONAL, INC., a Rhode Island corporation, and MICROLAB/FXR LLC, a New Jersey limited liability company (collectively, the â€œBorrowersâ€), ECLIPSE BUSINESS CAPITAL LLC, as agent for the Lenders, (in such capacity, â€œAgentâ€), and the Lenders party hereto. Â BACKGROUND Â A.Â Â Â Â Â Â Â Â Â The Borrowers, Agent and the Lenders entered into that certain Loan and Security Agreement dated as of March 15, 2024 (as may be amended, modified, extended, or restated from time to time, the â€œAgreementâ€), pursuant to which Agent and the Lenders extended certain financing arrangements to the Borrowers. Â B.Â Â Â Â Â Â Â Â Â The parties hereto have agreed to modify the terms and conditions of the Agreement as more fully set forth herein. Â C.Â Â Â Â Â Â Â Â Â Capitalized terms used but not otherwise defined herein shall have the meanings given to such terms in the Agreement. Â NOW THEREFORE, in consideration of the terms, conditions and covenants set forth below, and other good and valuable consideration, the receipt of which is hereby acknowledged, the parties, intending to be legally bound hereby, promise and agree as follows: Â 1.Â Â Â Â Â Â Amendment to Section 1.1 (Certain Defined Terms). Section 1.1 of the Agreement is hereby amended by deleting the following definitions in their entirety and replacing them with the following: Â â€œAdditional Availability Amountâ€ means, solely during the Additional Availability Period, an amount equal to (a) $1,000,000 from the Closing Date through July 12, 2024, (b) $666,666.67 from July 13, 2024 through August 11, 2024, and (c) $333,333.34 from August 12, 2024 through September 10, 2024. Solely during the Additional Availability Period, all Revolving Loans outstanding from time to time (up to the Additional Availability Amount at such time) shall be deemed issued in respect of the Additional Availability Amount. Â â€œAdditional Availability Periodâ€ means from the Closing Date through September 10, 2024. Â 2.Â Â Â Â Â Â Â Conditions to Effectiveness. This Amendment shall be effective upon completion of the following (each of such documents and/or actions to be in form and substance acceptable to Agent in its sole discretion): Â (a)Â Â Â Â Â Execution and delivery of this Amendment by all parties hereto; and Â (b)Â Â Â Â Â Such other agreements and documents related hereto as Agent may reasonably require. Â Â Â Â Â Â 3. Representations and Warranties. The Borrowers represent and warrant to Agent and the Lenders: Â Â (a) The execution, delivery and performance by the Borrowers of this Amendment and the transactions contemplated herein (i) are and will be within the powers of the Borrowers, (ii) have been authorized by all necessary actions of the Borrowers, (iii) are not and will not be in contravention of any order of any court or other agency of government, or of any law to which the Borrowers or any property of the Borrowers is bound, and (iv) are not and will not be in conflict with, or result in a breach of or constitute (with due notice and/or lapse of time) a default under the articles of organization, articles of incorporation, code of regulations, operating agreement, as applicable, or any indenture, agreement or undertaking to which the Borrowers are a party or by which the Borrowers or any property of the Borrowers are bound; Â Â (b) This Amendment and any other agreements, instruments or documents executed and/or delivered in connection herewith, shall be valid, binding and enforceable against the Borrowers in accordance with their respective terms except to the extent enforceability may be limited by bankruptcy, insolvency, reorganization or similar laws affecting creditorsâ€™ rights generally; Â Â (c) Each of the representations and warranties contained in, and each of the exhibits and/or schedules attached to, the Agreement, as amended hereby, and the Loan Documents are true, correct and complete in all material respects as of the date hereof except that those representations and warranties which relate to a specific date shall remain true and correct in all material respects as of such date; Â Â (d) No event or condition which has or is likely to have a Material Adverse Effect as to the Borrowers has occurred from the Closing Date to the date hereof; and Â Â (e) Upon the effectiveness of this Amendment, no Default or Event of Default is outstanding under the Agreement. Â 4.Â Â Â Â Â Confirmation of Security Interests. Borrower confirms and agrees that all prior security interests and liens granted to Agent and the Lenders in all existing and future assets of Borrower remain unimpaired and in full force and effect and shall continue to cover and secure all Obligations. Borrower further confirms and represents that all of the collateral of Borrower remains free and clear of all liens other than those in favor of Agent and the Lenders or as otherwise permitted in the Agreement. Nothing contained herein is intended to in any way impair or limit the validity, priority or extent of Agent and the Lendersâ€™ security interest in and liens upon the collateral of Borrower. Â 5.Â Â Â Â Â Obligations Absolute. The Borrowers covenant and agree (a) to pay the balance of any principal, together with all accrued interest, in connection with any promissory note executed and evidencing any indebtedness incurred in connection with the Agreement, as modified by this Amendment pursuant to the terms set forth therein and (b) to perform and observe covenants, agreements, stipulations and conditions on its part to be performed hereunder or under the Agreement and all other documents executed in connection herewith or thereof. Â 6.Â Â Â Â Â No Set-Offs Etc. The Borrowers hereby declare that the Borrowers have no set-offs, counterclaims, defenses or other causes of action against Agent and the Lenders arising out of the Agreement or any related loan documents, and to the extent any such set-offs, counterclaims, defenses or other causes of action may exist, whether known or unknown, such items are hereby waived by the Borrowers. Â Â Â Â 7.Â Â Â Â Release. THE BORROWERS HEREBY RELEASE, WAIVE AND FOREVER RELINQUISH ALL CLAIMS, DEMANDS, OBLIGATIONS, LIABILITIES AND CAUSES OF ACTION OF WHATEVER KIND OR NATURE, WHETHER KNOWN OR UNKNOWN, INCLUDING ANY SO-CALLED â€œLENDER LIABILITYâ€ CLAIMS OR DEFENSES WHICH IT HAS, MAY HAVE, OR MIGHT ASSERT NOW OR IN THE FUTURE AGAINST AGENT, THE LENDERS AND/OR THEIR RESPECTIVE OFFICERS, DIRECTORS, EMPLOYEES, AGENTS, ATTORNEYS, ACCOUNTANTS, CONSULTANTS, SUCCESSORS, AND ASSIGNS (INDIVIDUALLY, A â€œRELEASEEâ€ AND COLLECTIVELY, THE â€œRELEASEESâ€), DIRECTLY OR INDIRECTLY, ARISING OUT OF, BASED UPON, OR IN ANY MANNER CONNECTED WITH (A) ANY TRANSACTION, EVENT, CIRCUMSTANCE, ACTION, FAILURE TO ACT, OR OCCURRENCE OF ANY SORT OR TYPE, WHETHER KNOWN OR UNKNOWN, WHICH OCCURRED, EXISTED, OR WAS TAKEN OR PERMITTED PRIOR TO THE EXECUTION OF THIS AMENDMENT WITH RESPECT TO THE OBLIGATIONS, THE AGREEMENT, THE OTHER LOAN DOCUMENTS, OR THE ADMINISTRATION THEREOF, (B) ANY DISCUSSIONS, COMMITMENTS, NEGOTIATIONS, CONVERSATIONS, OR COMMUNICATIONS WITH RESPECT TO THE OBLIGATIONS OR (C) ANY THING OR MATTER RELATED TO ANY OF THE FOREGOING PRIOR TO THE EXECUTION OF THIS AMENDMENT. THE INCLUSION OF THIS PARAGRAPH IN THIS AMENDMENT AND THE EXECUTION OF THIS AMENDMENT BY AGENT AND THE LENDERS DOES NOT CONSTITUTE AN ACKNOWLEDGMENT OR ADMISSION BY AGENT AND THE LENDERS OF LIABILITY FOR ANY MATTER, OR A PRECEDENT UPON WHICH ANY LIABILITY MAY BE ASSERTED. Â 8.Â Â Â Â Â Fees and Expenses. The Borrowers shall reimburse Agent for all attorneysâ€™ fees incurred in connection with this Amendment. Â 9.Â Â Â Â Non-Waiver. This Amendment does not obligate Agent and the Lenders to agree to any other extension or modification of the Agreement nor does it constitute a course of conduct or dealing on behalf of Agent and the Lenders or a waiver of any other rights or remedies of Agent and the Lenders. No omission or delay by Agent or the Lenders in exercising any right or power under the Agreement, this Amendment or any related instruments, agreements or documents will impair such right or power or be construed to be a waiver of any Default or Event of Default or an acquiescence therein, and any single or partial exercise of any such right or power will not preclude other or further exercise thereof or the exercise of any other right, and no waiver will be valid unless in writing and then only to the extent specified. Â 10.Â Â Â Â Incorporation. This Amendment is incorporated by reference into, and made part of, the Agreement which, except as expressly modified herein, remains in full force and effect in accordance with its terms. Â 11.Â Â Â Â No Modification. No modification of this Amendment or of any agreement referred to herein shall be binding or enforceable unless in writing and signed on behalf of the party against whom enforcement is sought. Â 12.Â Â Â Â Headings. The headings of any section or paragraph of this Amendment are for convenience only and shall not be used to interpret any provision of this Amendment. Â 13.Â Â Â Â Successors and Assigns. This Amendment will be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns. Â Â Â Â 14.Â Â Â Governing Law; Use of Terms Etc. Except as previously amended or as herein specifically amended, directly or by reference, all of the terms and conditions set forth in the Agreement are confirmed and ratified, and shall remain as originally written. This Amendment shall be construed in accordance with the laws of the State of New York, without regard to principles of conflict of laws. The Agreement and all other Loan Documents shall remain in full force and effect in all respects as if the unpaid balance of the principal outstanding, together with interest accrued thereon, had originally been payable and secured as provided for therein, as amended from time to time and as modified by this Amendment. Nothing herein shall affect or impair any rights and powers which Agent may have under the Agreement and any and all related Loan Documents. Â 15.Â Â Â Â Severability. The provisions of this Amendment are to be deemed severable, and the invalidity or unenforceability of any provision shall not affect or impair the remaining provisions which shall continue in full force and effect. Â 16.Â Â Â Â Counterparts, Facsimile and .pdf. This Amendment may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement. Signature by facsimile or .pdf shall have the same force and effect as an original signature hereto. Â 17.Â Â Â Jury Waiver. THE PARTIES HERETO HEREBY WAIVE ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY ACTION OR PROCEEDING RELATING TO THIS AMENDMENT, ANY OF THE LOAN DOCUMENTS, ANY DOCUMENT DELIVERED HEREUNDER OR IN CONNECTION HEREWITH, OR ANY TRANSACTION ARISING FROM OR CONNECTED TO ANY OF THE FOREGOING. THE PARTIES REPRESENT THAT THIS WAIVER IS KNOWINGLY, WILLINGLY AND VOLUNTARILY GIVEN. Â [SIGNATURE PAGE FOLLOWS] Â Â Â Â Â IN WITNESS WHEREOF, each Borrower, Agent and each Lender have signed this Amendment as of the date first set forth above. Â Â Â Agent:Â Â Â Â Â Â ECLIPSE BUSINESS CAPITAL LLC Â Â Â Â Â Â Â Â Â Â By: /s/ Robert Richardson Jr. Â Â Name:Â Â Rob RichardsonÂ Â Â Its:Â Authorized SignatoryÂ Â Â Â Â Â Lenders:Â Â Â Â Â Â ECLIPSE BUSINESS CAPITAL SPV, LLC Â Â Â Â Â Â Â Â Â Â By: /s/ Robert Richardson Jr. Â Â Name:Â Â Rob RichardsonÂ Â Â Its:Â Authorized SignatoryÂ Â Â Â Â Â Borrowers:Â Â Â Â Â Â Â Â Â Â RF INDUSTRIES, LTD. Â Â Â Â Â Â Â Â By: /s/ Peter Yin Â Â Â Name: Peter Yin Â Â Â Its: Chief Financial Officer Â Â Â Â CABLES UNLIMITED, INC.Â Â Â Â Â Â Â Â By: /s/ Peter Yin Â Â Â Name: Peter Yin Â Â Â Its: Treasurer & Secretary Â Â Â Â REL-TECH ELECTRONICS, INC.Â Â Â Â Â Â Â Â By: /s/ Peter Yin Â Â Â Name: Peter Yin Â Â Â Its: Treasurer & Secretary Â Â Â Â C ENTERPRISES, INC.Â Â Â Â Â Â Â Â By: /s/ Peter Yin Â Â Â Name: Peter Yin Â Â Â Its: Treasurer & Secretary Â Â Â Â SCHROFF TECHNOLOGIES INTERNATIONAL, INC.Â Â Â Â Â Â Â Â By: /s/ Peter Yin Â Â Â Name: Peter Yin Â Â Â Its: Treasurer & Secretary Â Â Â Â MICROLAB/FXR LLCÂ Â Â Â Â Â Â Â By: /s/ Peter Yin Â Â Â Name: Peter Yin Â Â Â Its: Treasurer & Secretary Â Â Â EX-31.1 3 ex_722291.htm EXHIBIT 31.1 ex_722291.htm Â Exhibit 31.1 Â CERTIFICATIONS PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002 Â I, Robert Dawson, certify that: Â 1. I have reviewed this report on Form 10-Q for the quarter ended July 31, 2024 of RF Industries, Ltd.; Â 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report; Â 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report; Â 4. The registrantâ€™s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have: Â (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; Â (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; Â (c) Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and Â (d) Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting. Â 5. The registrantâ€™s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent functions): Â (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; and Â (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting. Â Â Â Date: September 16, 2024 Â /s/ Robert Dawson Â Robert Dawson Â Chief Executive Officer Â Â EX-31.2 4 ex_722292.htm EXHIBIT 31.2 ex_722292.htm Â Exhibit 31.2 Â CERTIFICATIONS PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002 Â I, Peter Yin, certify that: Â 1. I have reviewed this report on Form 10-Q for the quarter ended July 31, 2024 of RF Industries, Ltd.; Â 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report; Â 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report; Â 4. The registrantâ€™s other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have: Â (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; Â (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; Â (c) Evaluated the effectiveness of the registrantâ€™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and Â (d) Disclosed in this report any change in the registrantâ€™s internal control over financial reporting that occurred during the registrantâ€™s most recent fiscal quarter (the registrantâ€™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ€™s internal control over financial reporting. Â 5. The registrantâ€™s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ€™s auditors and the audit committee of the registrantâ€™s board of directors (or persons performing the equivalent functions): Â (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ€™s ability to record, process, summarize and report financial information; and Â (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ€™s internal control over financial reporting. Â Â Â Date: September 16, 2024 Â /s/ Peter Yin Â Peter Yin Â Chief Financial Officer Â Â EX-32.1 5 ex_722293.htm EXHIBIT 32.1 ex_722293.htm Â Exhibit 32.1 Â CERTIFICATION PURSUANT TO Â 18 U.S.C. Â§ 1350, Â AS ADOPTED PURSUANT TO Â SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002 Â In connection with the Quarterly Report of RF Industries, Ltd. (the â€œCompanyâ€) on Form 10-Q for the quarter ended July 31, 2024, as filed with the Securities and Exchange Commission (the â€œReportâ€), I, Robert Dawson, Chief Executive Officer of the Company, certify, pursuant to 18 U.S.C. Â§ 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that to the best of my knowledge: Â Â (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and Â Â (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company. Â Â Date: September 16, 2024 Â /s/ Robert Dawson Â Robert Dawson Â Chief Executive Officer Â Â EX-32.2 6 ex_722294.htm EXHIBIT 32.2 ex_722294.htm Â Exhibit 32.2 Â CERTIFICATION PURSUANT TO Â 18 U.S.C. Â§ 1350, Â AS ADOPTED PURSUANT TO Â SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002 Â In connection with the Quarterly Report of RF Industries, Ltd. (the â€œCompanyâ€) on Form 10-Q for the quarter ended July 31, 2024, as filed with the Securities and Exchange Commission (the â€œReportâ€), I, Peter Yin, Chief Financial Officer of the Company, certify, pursuant to 18 U.S.C. Â§ 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that to the best of my knowledge: Â Â (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and Â Â (2) The information contained in the Report fairly presents, in all material respects, the

financial condition and results of operations of the Company. Â Â Date: September 16, 2024 Â /s/ Peter Yin Â Peter Yin Â Chief Financial Officer Â Â EX-101.SCH 7 rfil-20240731.xsd XBRL TAXONOMY EXTENSION SCHEMA 000 - Document - Document And Entity Information link:calculationLink link:definitionLink link:presentationLink 001 - Statement - Condensed Consolidated Balance Sheets (Current Period Unaudited) link:calculationLink link:definitionLink link:presentationLink 002 - Statement - Condensed Consolidated Balance Sheets (Current Period Unaudited) (Parentheticals) link:calculationLink link:definitionLink link:presentationLink 003 - Statement - Condensed Consolidated Statements of Operations (Unaudited) link:calculationLink link:definitionLink link:presentationLink 004 - Statement - Condensed Consolidated Statements of Stockholders' Equity (Unaudited) link:calculationLink link:definitionLink link:presentationLink 005 - Statement - Condensed Consolidated Statements of Cash Flows (Unaudited) link:calculationLink link:definitionLink link:presentationLink 006 - Disclosure - Note 1 - Unaudited Interim Condensed Consolidated Financial Statements link:calculationLink link:definitionLink link:presentationLink 007 - Disclosure - Note 2 - Concentrations of Credit Risk link:calculationLink link:definitionLink link:presentationLink 008 - Disclosure - Note 3 - Inventories and Major Vendors link:calculationLink link:definitionLink link:presentationLink 009 - Disclosure - Note 4 - Other Current Assets link:calculationLink link:definitionLink link:presentationLink 010 - Disclosure - Note 5 - Accrued Expenses and Other Current Liabilities link:calculationLink link:definitionLink link:presentationLink 011 - Disclosure - Note 6 - Income (Loss) Per Share link:calculationLink link:definitionLink link:presentationLink 012 - Disclosure - Note 7 - Stock-based Compensation and Equity Transactions link:calculationLink link:definitionLink link:presentationLink 013 - Disclosure - Note 8 - Segment Information link:calculationLink link:definitionLink link:presentationLink 014 - Disclosure - Note 9 - Income Taxes link:calculationLink link:definitionLink link:presentationLink 015 - Disclosure - Note 10 - Intangible Assets link:calculationLink link:definitionLink link:presentationLink 016 - Disclosure - Note 11 - Commitments link:calculationLink link:definitionLink link:presentationLink 017 - Disclosure - Note 12 - Term Loan and Line of Credit link:calculationLink link:definitionLink link:presentationLink 018 - Disclosure - Note 13 - Cash Dividend and Declared Dividends link:calculationLink link:definitionLink link:presentationLink 995464 - Disclosure - Significant Accounting Policies (Policies) link:calculationLink link:definitionLink link:presentationLink 995465 - Disclosure - Note 2 - Concentrations of Credit Risk (Tables) link:calculationLink link:definitionLink link:presentationLink 995466 - Disclosure - Note 3 - Inventories and Major Vendors (Tables) link:calculationLink link:definitionLink link:presentationLink 995467 - Disclosure - Note 4 - Other Current Assets (Tables) link:calculationLink link:definitionLink link:presentationLink 995468 - Disclosure - Note 5 - Accrued Expenses and Other Current Liabilities (Tables) link:calculationLink link:definitionLink link:presentationLink 995469 - Disclosure - Note 6 - Income (Loss) Per Share (Tables) link:calculationLink link:definitionLink link:presentationLink 995470 - Disclosure - Note 7 - Stock-based Compensation and Equity Transactions (Tables) link:calculationLink link:definitionLink link:presentationLink 995471 - Disclosure - Note 8 - Segment Information (Tables) link:calculationLink link:definitionLink link:presentationLink 995472 - Disclosure - Note 10 - Intangible Assets (Tables) link:calculationLink link:definitionLink link:presentationLink 995473 - Disclosure - Note 11 - Commitments (Tables) link:calculationLink link:definitionLink link:presentationLink 995474 - Disclosure - Note 2 - Concentrations of Credit Risk (Details Textual) link:calculationLink link:definitionLink link:presentationLink 995475 - Disclosure - Note 2 - Concentrations of Credit Risk - Sales (Details) link:calculationLink link:definitionLink link:presentationLink 995476 - Disclosure - Note 3 - Inventories and Major Vendors (Details Textual) link:calculationLink link:definitionLink link:presentationLink 995477 - Disclosure - Note 3 - Inventories and Major Vendors - Inventories (Details) link:calculationLink link:definitionLink link:presentationLink 995478 - Disclosure - Note 4 - Other Current Assets - Other Current Assets (Details) link:calculationLink link:definitionLink link:presentationLink 995479 - Disclosure - Note 5 - Accrued Expenses and Other Current Liabilities - Accrued Expenses (Details) link:calculationLink link:definitionLink link:presentationLink 995480 - Disclosure - Note 6 - Income (Loss) Per Share (Details Textual) link:calculationLink link:definitionLink link:presentationLink 995481 - Disclosure - Note 6 - Income (Loss) Per Share - Basic and Diluted Earnings Per Share (Details) link:calculationLink link:definitionLink link:presentationLink 995482 - Disclosure - Note 7 - Stock-based Compensation and Equity Transactions (Details Textual) link:calculationLink link:definitionLink link:presentationLink 995483 - Disclosure - Note 7 - Stock-based Compensation and Equity Transactions - Assumptions (Details) link:calculationLink link:definitionLink link:presentationLink 995484 - Disclosure - Note 7 - Stock-based Compensation and Equity Transactions - Options Outstanding (Details) link:calculationLink link:definitionLink link:presentationLink 995485 - Disclosure - Note 8 - Segment Information (Details Textual) link:calculationLink link:definitionLink link:presentationLink 995486 - Disclosure - Note 8 - Segment Information - Sales by Geographic Area (Details) link:calculationLink link:definitionLink link:presentationLink 995487 - Disclosure - Note 8 - Segment Information - Net Sales, Income Before Provision for Income Taxes and Other Related Segment Information (Details) link:calculationLink link:definitionLink link:presentationLink 995488 - Disclosure - Note 9 - Income Taxes (Details Textual) link:calculationLink link:definitionLink link:presentationLink 995489 - Disclosure - Note 10 - Intangible Assets (Details Textual) link:calculationLink link:definitionLink link:presentationLink 995490 - Disclosure - Note 10 - Intangible Assets - Intangible Assets (Details) link:calculationLink link:definitionLink link:presentationLink 995491 - Disclosure - Note 10 - Intangible Assets - Intangible Assets (Details) (Parentheticals) link:calculationLink link:definitionLink link:presentationLink 995492 - Disclosure - Note 11 - Commitments (Details Textual) link:calculationLink link:definitionLink link:presentationLink 995493 - Disclosure - Note 11 - Commitments - Operating Lease Expense (Details) link:calculationLink link:definitionLink link:presentationLink 995494 - Disclosure - Note 11 - Commitments - Other Information Related to Leases (Details) link:calculationLink link:definitionLink link:presentationLink 995495 - Disclosure - Note 11 - Commitments - Future Minimum Lease Payments (Details) link:calculationLink link:definitionLink link:presentationLink 995496 - Disclosure - Note 12 - Term Loan and Line of Credit (Details Textual) link:calculationLink link:definitionLink link:presentationLink 995497 - Disclosure - Note 13 - Cash Dividend and Declared Dividends (Details Textual) link:calculationLink link:definitionLink link:presentationLink EX-101.DEF 8 rfil-20240731_def.xml XBRL TAXONOMY EXTENSION DEFINITION LINKBASE EX-101.LAB 9 rfil-20240731_lab.xml XBRL TAXONOMY EXTENSION LABEL LINKBASE Document And Entity Information Dividend yield Note To Financial Statement Details Textual Significant Accounting Policies rfil_NumberOfMajorVendors Number of Major Vendors Represents the number of major vendors accounting for 10% or more of the specified concentration risk benchmark. Note 2 - Concentrations of Credit Risk Risk-free interest rate Note 3 - Inventories and Major Vendors Note 4 - Other Current Assets Note 5 - Accrued Expenses and Other Current Liabilities Note 6 - Income (Loss) Per Share Note 7 - Stock-based Compensation and Equity Transactions Note 8 - Segment Information Note 10 - Intangible Assets Income Tax Disclosure [Text Block] Note 11 - Commitments Inventory Purchases [Member] Represents the inventory purchases benchmark. Note 2 - Concentrations of Credit Risk - Sales (Details) Note 3 - Inventories and Major Vendors - Inventories (Details) Volatility factor Note 4 - Other Current Assets - Other Current Assets (Details) us-gaap_LiabilitiesCurrent TOTAL CURRENT LIABILITIES Note 5 - Accrued Expenses and Other Current Liabilities - Accrued Expenses (Details) Note 6 - Income (Loss) Per Share - Basic and Diluted Earnings Per Share (Details) Note 7 - Stock-based Compensation and Equity Transactions - Assumptions (Details) Note 7 - Stock-based Compensation and Equity Transactions - Options Outstanding (Details) Expected life of the option (years) (Year) Note 8 - Segment Information - Sales by Geographic Area (Details) Note 8 - Segment Information - Net Sales, Income Before Provision for Income Taxes and Other Related Segment Information (Details) Note 10 - Intangible Assets - Intangible Assets (Details) Schedule of Other Current Assets [Table Text Block] Note 10 - Intangible Assets - Intangible Assets (Details) (Parentheticals) Note 11 - Commitments - Operating Lease Expense (Details) us-gaap_AcquiredFiniteLivedIntangibleAssetsWeightedAverageUsefulLife Acquired Finite-Lived Intangible Assets, Weighted Average Useful Life (Year) Schedule of Share-Based Payment Award, Stock Options, Valuation Assumptions [Table Text Block] Note 11 - Commitments - Other Information Related to Leases (Details) Note 11 - Commitments - Future Minimum Lease Payments (Details) Notes To Financial Statements Notes To Financial Statements [Abstract] Share-Based Payment Arrangement, Option, Activity [Table Text Block] us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsVestedAndExpectedToVestExercisableWeightedAverageRemainingContractualTerm1 Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Exercisable, Weighted Average Remaining Contractual Term us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period Current portion of Term Loan Options vested and expected to vest, shares (in shares) Options vested and expected to vest, weighted average exercise price (in dollars per share) us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingAggregateIntrinsicValue Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Aggregate Intrinsic Value Options exercisable, weighted average exercise price (in dollars per share) us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsExercisableWeightedAverageRemainingContractualTerm1 Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Weighted Average Remaining Contractual Term us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsExercisableIntrinsicValue1 Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Intrinsic Value Options exercisable, shares (in shares) Line of credit Line of Credit, Current us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsOutstandingWeightedAverageRemainingContractualTerm2 Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Remaining Contractual Term us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingIntrinsicValue Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Intrinsic Value us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodWeightedAverageGrantDateFairValue Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Weighted Average Grant Date Fair Value us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsVestedNumberOfShares Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested, Number of Shares (in shares) Outstanding, weighted average exercise price (in dollars per share) Options cancelled (in dollars per share) Options granted, weighted average exercise price (in dollars per share) Accrued expenses Totals Accounts payable us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingNumber Outstanding, shares (in shares) Options outstanding, shares (in shares) Revolving Credit Facility [Member] Options cancelled, shares (in shares) EBC Credit Agreement [Member] Represents the EBC credit agreement. Credit Facility [Axis] Credit Facility [Domain] Other accrued expenses us-gaap_OtherAccruedLiabilitiesCurrent Trademarks [Member] Wages payable us-gaap_PolicyTextBlockAbstract Accounting Policies Vesting on April 16, 2028 [Member] The vesting options expected to vest on April 16, 2028. rfil_FloorRateAdjustedInterestRate Floor Rate, Adjusted Interest Rate The floor rate for the adjustment of interest rates. Trade Names [Member] Indefinite-Lived Intangible Assets [Axis] EBC Revolving Loan Facility [Member] Represents he EBC revolving credit agreement. Indefinite-Lived Intangible Assets, Major Class Name [Domain] us-gaap_PaymentsToAcquirePropertyPlantAndEquipment Capital expenditures Add effects of potentially dilutive securities-assumed exercise of stock options (in shares) Order or Production Backlog [Member] us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardExpirationPeriod Share-Based Compensation Arrangement by Share-Based Payment Award, Expiration Period us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1 Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Period Grantee Status [Domain] Swing Line Loan [Member] Represents the swing line loan. Supplemental cash flow information â€“ income taxes paid Grantee Status [Axis] Noncompete Agreements [Member] EBC Additional Line [Member] Represents the additional EBC line of credit. Accounts Payable, Accrued Liabilities, and Other Liabilities Disclosure, Noncurrent [Text Block] us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardAwardVestingRightsPercentage Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Rights, Percentage Adjusted Term SOFR [Member] Represents the adjusted SOFR rate. CURRENT LIABILITIES Vesting [Axis] Vesting [Domain] Total assets TOTAL ASSETS Patents [Member] Technology-Based Intangible Assets [Member] Distributor One [Member] represents distributor one. us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Amount Other Current Assets [Text Block] us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1 Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Period for Recognition Commitments Disclosure [Text Block] Customer Relationships [Member] Bank of America, N.A. [Member] Represents name of lender. Deferred tax assets Share-Based Payment Arrangement [Text Block] Finite-Lived Intangible Assets by Major Class [Axis] Finite-Lived Intangible Assets, Major Class Name [Domain] us-gaap_DebtIssuanceCostsLineOfCreditArrangementsGross Debt Issuance Costs, Line of Credit Arrangements, Gross us-gaap_AdjustmentsRelatedToTaxWithholdingForShareBasedCompensation Tax withholding related to vesting of restricted stock Award Type [Domain] Consolidated net loss Consolidated net (loss) income Consolidated net loss Basis of Presentation and Significant Accounting Policies [Text Block] Award Type [Axis] us-gaap_FiniteLivedIntangibleAssetsAccumulatedAmortization Accumulated amortization Amortizable intangible assets, net Finite-Lived Intangible Assets, Net us-gaap_FiniteLivedIntangibleAssetsGross Non-compete agreement (estimated life 5 years) Restricted Stock [Member] Non-amortizable intangible assets Trademarks Less accumulated depreciation us-gaap_PropertyPlantAndEquipmentNet Total property and equipment, net Goodwill us-gaap_PropertyPlantAndEquipmentGross Property, Plant and Equipment, Gross Equipment and tooling Furniture and office equipment Property and equipment: INVESTING ACTIVITIES: Earnings Per Share [Text Block] us-gaap_IncreaseDecreaseInAccruedIncomeTaxesPayable Income taxes payable CANADA Provision for (benefit) income taxes Income Tax Expense (Benefit) us-gaap_IncreaseDecreaseInAccruedLiabilities Accrued expenses rfil_DebtInstrumentCovenantExcessAvailabilityAmount Debt Instrument Covenant, Excess Availability Amount The required minimum excess availability amount. rfil_DebtInstrumentCovenantCapitalExpenditures Debt Instrument Covenant, Capital Expenditures The total amount of capital expenditures that cannot be exceeded under the covenant. rfil_DebtInstrumentCovenantAdjustedBorrowingBasePercent Debt Instrument Covenant, Adjusted Borrowing Base Percent Represents the percent of the adjusted borrowing base required by the debt instrument covenant. us-gaap_IncreaseDecreaseInAccountsPayable Accounts payable us-gaap_OperatingExpenses Total operating expenses Cash and cash equivalents us-gaap_AllocatedShareBasedCompensationExpense Share-Based Payment Arrangement, Expense Amendment Flag dei_CityAreaCode City Area Code New Accounting Pronouncements, Policy [Policy Text Block] us-gaap_SharesOutstanding Balance (in shares) Balance (in shares) us-gaap_CommonStockSharesOutstanding Common Stock, Shares, Outstanding (in shares) Distributor B [Member] Represents Distributor B customer. ITALY Current Fiscal Year End Date us-gaap_DebtInstrumentBasisSpreadOnVariableRate1 Debt Instrument, Basis Spread on Variable Rate us-gaap_OperatingLeaseWeightedAverageDiscountRatePercent Operating leases Document Fiscal Period Focus rfil_IncreaseDecreaseInRightOfUseAssets Right of use assets The increase (decrease) during the period in the carrying amount of right of use assets. Operating lease cost Document Fiscal Year Focus Consolidation, Policy [Policy Text Block] Lease, Cost [Table Text Block] dei_DocumentPeriodEndDate Document Period End Date Operating leases Operating leases (in months) (Month) dei_EntityFileNumber Entity File Number Entity Emerging Growth Company us-gaap_DebtInstrumentFaceAmount Debt Instrument, Face Amount dei_DocumentType Document Type us-gaap_GainsLossesOnExtinguishmentOfDebt Extinguishment of debt issuance cost Entity Small Business dei_EntityShellCompany Entity Shell Company rfil_APICShareBasedPaymentArrangementRestrictedStockUnitDecreaseForCostRecognition Issuance of restricted stock Issuance of restricted stock Amount of decrease to additional paid-in capital (APIC) for recognition of cost for restricted stock unit under share-based payment arrangement. Document Information [Line Items] Document Information [Table] Entity Filer Category dei_EntityCurrentReportingStatus Entity Current Reporting Status Variable Rate [Domain] Variable Rate [Axis] Stock-based compensation expense us-gaap_IncreaseDecreaseInAccountsReceivable Trade accounts receivable Wireless provider Concentration Risk, Percentage Entity Tax Identification Number Entity Central Index Key Depreciation and amortization us-gaap_DepreciationAndAmortization dei_EntityRegistrantName Entity Registrant Name MEXICO Entity [Domain] Customer Concentration Risk [Member] Legal Entity [Axis] dei_EntityAddressAddressLine1 Entity Address, Address Line One Supplier Concentration Risk [Member] us-gaap_AmortizationOfIntangibleAssets Amortization of Intangible Assets ecd_NonRule10b51ArrTrmntdFlag Non-Rule 10b5-1 Arrangement Terminated [Flag] dei_EntityAddressCityOrTown Entity Address, City or Town ecd_Rule10b51ArrTrmntdFlag Rule 10b5-1 Arrangement Terminated [Flag] ecd_Rule10b51ArrAdoptedFlag Rule 10b5-1 Arrangement Adopted [Flag] dei_EntityAddressPostalZipCode Entity Address, Postal Zip Code dei_EntityAddressStateOrProvince Entity Address, State or Province Concentration Risk Type [Axis] ecd_NonRule10b51ArrAdoptedFlag Non-Rule 10b5-1 Arrangement Adopted [Flag] Concentration Risk Type [Domain] Material Terms of Trading Arrangement [Text Block] dei_EntityCommonStockSharesOutstanding Entity Common Stock, Shares Outstanding (in shares) Revenue Benchmark [Member] us-gaap_IncreaseDecreaseInOtherCurrentAssets Other current assets Accounts Receivable [Member] Other long-term assets us-

gaap_IncreaseDecreaseInInventories Inventories Revenue from Contract with Customer Benchmark [Member] Trading Symbol Concentration Risk Benchmark [Axis] Concentration Risk Benchmark [Domain] dei_LocalPhoneNumber Local Phone Number Exercise of stock options (in shares) us-gaap_TableTextBlock Notes Tables Issuance of restricted stock (in shares) us-gaap_LineOfCreditFacilityMaximumBorrowingCapacity Line of Credit Facility, Maximum Borrowing Capacity Exercise of stock options Issuance of restricted stock us-gaap_LineOfCreditFacilityUnusedCapacityCommitmentFeePercentage Line of Credit Facility, Unused Capacity, Commitment Fee Percentage Two Vendors [Member] Represents two vendors. Related and Nonrelated Parties [Axis] Related and Nonrelated Parties [Domain] Selling and general Allowance for credit losses us-gaap_ProvisionForDoubtfulAccounts Accrued receipts Carrying value as of the balance sheet date of obligations incurred and payable for receipts (due within one year or within the normal operating cycle if longer). Secured Overnight Financing Rate (SOFR) [Member] us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodGross Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Gross us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsForfeituresInPeriod Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Forfeitures in Period (in shares) Options granted, shares (in shares) Line of Credit Facility, Lender [Domain] Incentive Stock Options [Member] Represents incentive stock options. Restricted Stock and Incentive Stock Options [Member] Represents restricted stock and incentive stock options. Raw materials and supplies Lender Name [Axis] us-gaap_LiabilitiesAndStockholdersEquity TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY us-gaap_CashUninsuredAmount Cash, Uninsured Amount Finished goods Work in process UNITED STATES rfil_DebtInstrumentCovenantRequiredEbitda Debt Instrument, Covenant Required Ebitda Represent the required EBITDA by a covenant. Retained earnings Engineering One Distributor [Member] Represents one distributor. Wireless Carrier [Member] Represents a wireless carrier. Two Distributors [Member] Represents two distributors. Custom Cabling Manufacturing and Assembly [Member] Represents customer cabling manufacturing and assembly. RF Connector and Cable Assembly [Member] Represents RF connector and cable assembly. Debt Disclosure [Text Block] All Other Foreign Countries [Member] Represents all other foreign countries not otherwise disclosed. Schedule of Finite-lived and Indefinite-lived Intangible Assets [Table Text Block] The tabular disclosure for finite-lived and indefinite-lived intangible assets. Changes in operating assets and liabilities: Amortization of debt issuance cost us-gaap_DisclosureTextBlockAbstract Notes to Financial Statements Operating lease liabilities Inventory Disclosure [Text Block] Subsequent Event [Member] Schedule of Inventory, Current [Table Text Block] Total Total Operating Lease, Liability rfil_DebtInstrumentCovenantMinimumLiquidity Debt Instrument, Covenant, Minimum Liquidity Amount of minimum liquidity required under covenant of the debt instrument. rfil_LesseeOperatingLeaseMonthlyRent Lessee, Operating Lease, Monthly Rent Amount of monthly rent on operating lease of the lessee. Current portion of operating lease liabilities Current portion of operating lease liabilities Operating Lease, Liability, Current Subsequent Event Type [Axis] rfil_DebtInstrumentCovenantMinimumLiquidityPercentageForecasted Debt Instrument, Covenant, Minimum Liquidity, Percentage Forecasted Percentage of forecasted minimum liquidity for covenant under the debt instrument. Subsequent Event Type [Domain] Operating lease right-of-use assets, net Operating Lease, Right-of-Use Asset us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue Total future minimum lease payments K and K Unlimited [Member] Represents K&K Unlimited. us-gaap_LesseeOperatingLeaseLiabilityUndiscountedExcessAmount Less imputed interest us-gaap_FinanceLeaseLiability Finance Lease, Liability, Total Deferred income taxes us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearThree 2026 us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearFour 2027 us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearFive 2028 us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueAfterYearFive Thereafter Fair Value Measurement, Policy [Policy Text Block] Cash Dividend and Declared Dividends [Text Block] The entire disclosure for cash dividends and declared dividends. us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueNextTwelveMonths 2024 (excluding nine months ended July 31, 2024) us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearTwo 2025 Share-Based Payment Arrangement, Employee [Member] Other assets us-gaap_ShareBasedCompensation Stock-based compensation expense Lessee, Operating Lease, Liability, to be Paid, Maturity [Table Text Block] Vendors Two [Member] Represents vendors two. Distributor A [Member] Represents distributor one. Another Manager [Member] Relating to another manager. us-gaap_FiniteLivedIntangibleAssetUsefulLife Estimated life (Year) Vesting on January 10, 2024 [Member] Represents vesting on January 10, 2024. rfil_DebtInstrumentCovenantMaximumEbitdaRatio Debt Instrument, Covenant, Maximum EBITDA Ratio Represents covenant for EBITDA requirement. Operating expenses: rfil_DebtInstrumentCovenantFixedChargeCoverageRatio Debt Instrument, Covenant, Fixed Charge Coverage Ratio Represents covenant for fixed charge ratio. Depreciation and amortization us-gaap_SharesPaidForTaxWithholdingForShareBasedCompensation Tax withholding related to vesting of restricted stock (in shares) Intangible Assets Disclosure [Text Block] us-gaap_AssetsCurrent TOTAL CURRENT ASSETS Deposits Common stock - authorized 20,000,000 shares of $0.01 par value; 10,495,548 and 10,343,223 shares issued and outstanding at April 30, 2024 and October 31, 2023, respectively rfil_DebtInstrumentAdditionalFeePercentage Debt Instrument, Fee Required On Percentage of Outstanding Principle Balance Represents the percentage of outstanding principle used to calculate an additional fee on a debt instrument. us-gaap_CommonStockSharesAuthorized Common Stock, Shares Authorized (in shares) us-gaap_CommonStockSharesIssued Common Stock, Shares, Issued (in shares) us-gaap_CommonStockParOrStatedValuePerShare Common Stock, Par or Stated Value Per Share (in dollars per share) us-gaap_DeferredTaxAssetsValuationAllowance Deferred Tax Assets, Valuation Allowance Statistical Measurement [Domain] Maximum [Member] Minimum [Member] Other current assets Totals Statistical Measurement [Axis] Prepaid taxes us-gaap_PrepaidTaxes Prepaid expense Geographical [Axis] Schedule of Revenue by Major Customers by Reporting Segments [Table Text Block] Geographical [Domain] Inventories Totals Lessee, Leases, Other Information [Table Text Block] The tabular disclosure for other information related to leases of the lessee. Net sales rfil_DebtInstrumentAdditionalPaymentAmount Debt Instrument, Additional Payment Amount Represents the value of an additional payment on a debt instrument. Customer [Axis] Customer [Domain] OPERATING ACTIVITIES: Schedule of Segment Reporting Information, by Segment [Table Text Block] Statement [Line Items] Accounts Receivable, Allowance for Credit Loss, Current Trade accounts receivable, net of allowance for credit losses of $146 and $244, respectively us-gaap_NumberOfReportableSegments Number of Reportable Segments Additional paid-in capital STOCKHOLDERSâ€™ EQUITY Other expense Segment Reporting Disclosure [Text Block] us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsIncludingDisposalGroupAndDiscontinuedOperations Cash and cash equivalents, beginning of period Cash and cash equivalents, end of period us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect Net decrease in cash and cash equivalents us-gaap_Liabilities TOTAL LIABILITIES us-gaap_NetCashProvidedByUsedInFinancingActivities Net cash (used in) provided by financing activities Commitments and Contingencies us-gaap_OperatingIncomeLoss Operating (loss) income us-gaap_NetCashProvidedByUsedInOperatingActivities Net cash provided by operating activities us-gaap_NetCashProvidedByUsedInInvestingActivities Net cash used in investing activities us-gaap_GrossProfit Gross profit Cost of sales Deferred tax liabilities Consolidation Items [Domain] Consolidation Items [Axis] us-gaap_PaymentsOfOrdinaryDividends Payments of Ordinary Dividends Wireless Provider B [Member] Represents wireless provider customer B Wireless Provider A [Member] Represents wireless provider customer A Retained Earnings [Member] us-gaap_ProceedsFromStockOptionsExercised Proceeds from exercise of stock options Title and Position [Domain] Title and Position [Axis] Additional Paid-in Capital [Member] Common Stock [Member] Equity Components [Axis] Equity Component [Domain] One Manager and Three Officers [Member] Information pertaining to one manager and three officers. Other Assets [Member] Income (loss) before benefit for income taxes us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest (Loss) income before benefit for income taxes rfil_NumberOfCustomers Number of Customers Represents the number of customers. us-gaap_LineOfCredit Long-Term Line of Credit us-gaap_PaymentsOfDebtIssuanceCosts Debt issuance cost rfil_TaxPaymentsRelatedToSharesCanceledForVestedRestrictedStockAwards Tax payments related to shares cancelled for vested restricted stock awards Represents the payments related to shares canceled for vested restricted stock awards. us-gaap_RepaymentsOfLongTermDebt Term Loan payments Statement of Financial Position Location, Balance [Axis] Statement of Financial Position Location, Balance [Domain] Document Quarterly Report Entity Incorporation, State or Country Code us-gaap_UnrecognizedTaxBenefits Unrecognized Tax Benefits us-gaap_UnrecognizedTaxBenefitsThatWouldImpactEffectiveTaxRate Unrecognized Tax Benefits that Would Impact Effective Tax Rate Accounting Policies [Abstract] Document Transition Report Concentration Risk Disclosure [Text Block] Selling, General and Administrative Expenses [Member] us-gaap_ShortTermBorrowings Short-Term Debt Schedules of Concentration of Risk, by Risk Factor [Table Text Block] dei_EntityInteractiveDataCurrent Entity Interactive Data Current Security Exchange Name Title of 12(b) Security Statement of Income Location, Balance [Axis] Other rfil_OtherAssetsLiabilitiesMiscellaneousCurrent Amount of other miscellaneous assets(liabilities) expected to be realized or consumed within one year or operating cycle, if longer. Statement of Income Location, Balance [Domain] Segments [Axis] Segments [Domain] us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount (in shares) Diluted (in shares) us-gaap_RepaymentsOfLinesOfCredit Repayments of Debt Non-US [Member] Line of credit payments Statement [Table] Statement of Financial Position [Abstract] Diluted (in dollars per share) Basic (in shares) us-gaap_EffectiveIncomeTaxRateContinuingOperations Effective Income Tax Rate Reconciliation, Percent Basic (in dollars per share) Weighted average shares outstanding: Statement of Cash Flows [Abstract] Statement of Stockholders' Equity [Abstract] Income Statement [Abstract] us-gaap_LesseeOperatingLeaseRemainingLeaseTerm Lessee, Operating Lease, Remaining Lease Term (Year) Schedule of Accrued Liabilities [Table Text Block] One Officer [Member] Represents one officer. Vesting On January 31, 2024 [Member] The stock Vesting On January 31, 2024. Three Officers [Member] Represents three officers member. Vesting On January 11, 2025 [Member] The stock vesting period for January 11, 2025. FINANCING ACTIVITIES: Segment Reporting, Reconciling Item, Corporate Nonsegment [Member] us-gaap_StockholdersEquity TOTAL STOCKHOLDERS' EQUITY Balance Balance Supplier [Axis] Class of Stock [Axis] Supplier [Domain] Term Loan, net of debt issuance cost Schedule of Earnings Per Share, Basic and Diluted [Table Text Block] Operating Segments [Member] Vendor One [Member] The first vendor. Vendor Two [Member] The second vendor. EX-101.PRE 10 rfil-20240731_pre.xml XBRL TAXONOMY EXTENSION PRESENTATION LINKBASE EX-101.CAL 11 rfil-20240731_cal.xml XBRL TAXONOMY EXTENSION CALCULATION LINKBASE XML 13 R1.htm IDEA: XBRL DOCUMENT v3.24.3 Document And Entity Information - shares 9 Months Ended Jul. 31, 2024 Sep. 12, 2024 Document Information [Line Items] Â Â Document Type 10-Q Â Document Quarterly Report true Â Document Period End Date Jul. 31, 2024 Â Document Transition Report false Â Entity File Number 000-13301 Â Entity Registrant Name R F INDUSTRIES LTD Â Entity Incorporation, State or Country Code NV Â Entity Tax Identification Number 88-0168936 Â Entity Address, Address Line One 16868 Via Del Campo Court, Suite 200 Â Entity Address, City or Town San Diego Â Entity Address, State or Province CA Â Entity Address, Postal Zip Code 92127 Â City Area Code 858 Â Local Phone Number 549-6340 Â Title of 12(b) Security Common Stock, $0.01 par value per share Â Trading Symbol RFIL Â Security Exchange Name NASDAQ Â Entity Current Reporting Status Yes Â Entity Interactive Data Current Yes Â Entity Filer Category Non-accelerated Filer Â Entity Small Business true Â Entity Emerging Growth Company false Â Entity Shell Company false Â Entity Common Stock, Shares Outstanding (in shares) Â 10,493,485 Entity Central Index Key 0000740664 Â Current Fiscal Year End Date --10-31 Â Document Fiscal Year Focus 2024 Â Document Fiscal Period Focus Q3 Â Amendment Flag false Â X - DefinitionBoolean flag that is true when the XBRL content amends previously-filed or accepted submission. + ReferencesNo definition available. + Details Name: dei_AmendmentFlag Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionArea code of city + ReferencesNo definition available. + Details Name: dei_CityAreaCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionEnd date of current fiscal year in the format --MM-DD. + ReferencesNo definition available. + Details Name: dei_CurrentFiscalYearEndDate Namespace Prefix: dei_ Data Type: xbrli:gMonthDayItemType Balance Type: na Period Type: duration X - DefinitionFiscal period values are FY, Q1, Q2, and Q3. 1st, 2nd and 3rd quarter 10-Q or 10-QT statements have value Q1, Q2, and Q3 respectively, with 10-K, 10-KT or other fiscal year statements having FY. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalPeriodFocus Namespace Prefix: dei_ Data Type: dei:fiscalPeriodItemType Balance Type: na Period Type: duration X - DefinitionThis is focus fiscal year of the document report in YYYY format. For a 2006 annual report, which may also provide financial information from prior periods, fiscal 2006 should be given as the fiscal year focus. Example: 2006. + ReferencesNo definition available. + Details Name: dei_DocumentFiscalYearFocus Namespace Prefix: dei_ Data Type: xbrli:gYearItemType Balance Type: na Period Type: duration X - DefinitionLine items represent financial concepts included in a table. These concepts are used to disclose reportable information associated with domain members defined in one or many axes to the table. + ReferencesNo definition available. + Details Name: dei_DocumentInformationLineItems Namespace Prefix: dei_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionFor the EDGAR submission types of Form 8-K: the date of the report, the date of the earliest event reported; for the EDGAR submission types of Form N-1A: the filing date; for all other submission types: the end of the reporting or transition period. The format of the date is YYYY-MM-DD. + ReferencesNo definition available. + Details Name: dei_DocumentPeriodEndDate Namespace Prefix: dei_ Data Type: xbrli:dateItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as an quarterly report. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Form 10-Q -Number 240 -Section 308 -Subsection a + Details Name: dei_DocumentQuarterlyReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true only for a form used as a transition report. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Forms 10-K, 10-Q, 20-F -Number 240 -Section 13 -Subsection a-1 + Details Name: dei_DocumentTransitionReport Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionThe type of document being provided (such as 10-K, 10-Q, 485BPOS, etc). The document type is limited to the same value as the supporting SEC submission type, or the word 'Other'. + ReferencesNo definition available. + Details Name: dei_DocumentType Namespace Prefix: dei_ Data Type: dei:submissionTypeItemType Balance Type: na Period Type: duration X - DefinitionAddress Line 1 such as Attn, Building Name, Street Name + ReferencesNo definition available. + Details Name: dei_EntityAddressAddressLine1 Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionName of the City or Town + ReferencesNo definition available. + Details Name: dei_EntityAddressCityOrTown Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionCode for the postal or zip code + ReferencesNo definition available. + Details Name: dei_EntityAddressPostalZipCode Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionName of the state or province. + ReferencesNo definition available. + Details Name: dei_EntityAddressStateOrProvince Namespace Prefix: dei_ Data Type: dei:stateOrProvinceItemType Balance Type: na Period Type: duration X - DefinitionA unique 10-digit SEC-issued value to identify entities that have filed disclosures with the SEC. It is commonly abbreviated as CIK. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityCentralIndexKey Namespace Prefix: dei_ Data Type: dei:centralIndexKeyItemType Balance Type: na Period Type: duration X - DefinitionIndicate number of shares or other units outstanding of each of registrant's classes of capital or common stock or other ownership interests, if and as stated on cover of related periodic report. Where multiple classes or units exist define each class/interest by adding class of stock items such as Common Class A [Member], Common Class B [Member] or Partnership Interest [Member] onto the Instrument [Domain] of the Entity Listings, Instrument. + ReferencesNo definition available. + Details Name: dei_EntityCommonStockSharesOutstanding Namespace Prefix: dei_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionIndicate 'Yes' or 'No' whether registrants (1) have filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that registrants were required to file such reports), and (2) have been subject to such filing requirements for the past 90 days. This information should be based on the registrant's current or most recent filing containing the related disclosure. + ReferencesNo definition available. + Details Name: dei_EntityCurrentReportingStatus Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - DefinitionIndicate if registrant meets the emerging growth company criteria. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityEmergingGrowthCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionCommission file number. The field allows up to 17 characters. The prefix may contain 1-3 digits, the sequence number may contain 1-8 digits, the optional suffix may contain 1-4 characters, and the fields are separated with a hyphen. + ReferencesNo definition available. + Details Name: dei_EntityFileNumber Namespace Prefix: dei_ Data Type: dei:fileNumberItemType Balance Type: na Period Type: duration X - DefinitionIndicate whether the registrant is one of the following: Large Accelerated Filer, Accelerated Filer, Non-accelerated Filer. Definitions of these categories are stated in Rule 12b-2 of the Exchange Act. This information should be based on the registrant's current or most recent filing containing the related disclosure. + ReferencesReference 1:

http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityFilerCategory Namespace Prefix: dei_ Data Type: dei:filerCategoryItemType Balance Type: na Period Type: duration X - DefinitionTwo-character EDGAR code representing the state or country of incorporation. + ReferencesNo definition available. + Details Name: dei_EntityIncorporationStateCountryCode Namespace Prefix: dei_ Data Type: dei:edgarStateCountryItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true when the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-T -Number 232 -Section 405 + Details Name: dei_EntityInteractiveDataCurrent Namespace Prefix: dei_ Data Type: dei:yesNoItemType Balance Type: na Period Type: duration X - DefinitionThe exact name of the entity filing the report as specified in its charter, which is required by forms filed with the SEC. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityRegistrantName Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionBoolean flag that is true when the registrant is a shell company as defined in Rule 12b-2 of the Exchange Act. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityShellCompany Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionIndicates that the company is a Smaller Reporting Company (SRC). + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntitySmallBusiness Namespace Prefix: dei_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - DefinitionThe Tax Identification Number (TIN), also known as an Employer Identification Number (EIN), is a unique 9-digit value assigned by the IRS. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b-2 + Details Name: dei_EntityTaxIdentificationNumber Namespace Prefix: dei_ Data Type: dei:employerIdItemType Balance Type: na Period Type: duration X - DefinitionLocal phone number for entity. + ReferencesNo definition available. + Details Name: dei_LocalPhoneNumber Namespace Prefix: dei_ Data Type: xbrli:normalizedStringItemType Balance Type: na Period Type: duration X - DefinitionTitle of a 12(b) registered security. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection b + Details Name: dei_Security12bTitle Namespace Prefix: dei_ Data Type: dei:securityTitleItemType Balance Type: na Period Type: duration X - DefinitionName of the Exchange on which a security is registered. + ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Exchange Act -Number 240 -Section 12 -Subsection d1-1 + Details Name: dei_SecurityExchangeName Namespace Prefix: dei_ Data Type: dei:edgarExchangeCodeItemType Balance Type: na Period Type: duration X - DefinitionTrading symbol of an instrument as listed on an exchange. + ReferencesNo definition available. + Details Name: dei_TradingSymbol Namespace Prefix: dei_ Data Type: dei:tradingSymbolItemType Balance Type: na Period Type: duration XML 14 R2.htm IDEA: XBRL DOCUMENT v3.24.3 Condensed Consolidated Balance Sheets (Current Period Unaudited) - USD ($) $ in Thousands Jul. 31, 2024 Oct. 31, 2023 Cash and cash equivalents $ 1,764 $ 4,897 Trade accounts receivable, net of allowance for credit losses of $146 and $244, respectively 10,676 10,277 Inventories 15,049 18,730 Other current assets 1,896 2,136 TOTAL CURRENT ASSETS 29,385 36,040 Property and equipment: Â Â Equipment and tooling 4,782 4,796 Furniture and office equipment 6,170 5,631 Property, Plant and Equipment, Gross 10,952 10,427 Less accumulated depreciation 6,102 5,503 Total property and equipment, net 4,850 4,924 Operating lease right-of-use assets, net 15,304 15,689 Goodwill 8,085 8,085 Amortizable intangible assets, net 12,329 13,595 Non-amortizable intangible assets 1,174 1,174 Deferred tax assets 0 2,494 Other assets 733 277 TOTAL ASSETS 71,860 82,278 CURRENT LIABILITIES Â Â Accounts payable 3,148 3,201 Accrued expenses 5,046 4,572 Line of credit 8,704 1,000 Current portion of Term Loan 0 2,424 Current portion of operating lease liabilities 1,481 1,314 TOTAL CURRENT LIABILITIES 18,379 12,511 Operating lease liabilities 19,163 19,284 Deferred tax liabilities 182 0 Term Loan, net of debt issuance cost 0 10,721 TOTAL LIABILITIES 37,724 42,516 Commitments and Contingencies Â STOCKHOLDERSâ€™ EQUITY Â Â Common stock - authorized 20,000,000 shares of $0.01 par value; 10,495,548 and 10,343,223 shares issued and outstanding at April 30, 2024 and October 31, 2023, respectively 105 104 Additional paid-in capital 26,821 26,087 Retained earnings 7,210 13,571 TOTAL STOCKHOLDERS' EQUITY 34,136 39,762 TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY $ 71,860 $ 82,278 X - DefinitionCarrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10 + Details Name: us-gaap_AccountsPayableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481990/310-10-45-2 + Details Name: us-gaap_AccountsReceivableNetCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of obligations incurred and payable, pertaining to costs that are statutory in nature, are incurred on contractual obligations, or accumulate over time and for which invoices have not yet been received or will not be rendered. Examples include taxes, interest, rent and utilities. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_AccruedLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of accumulated depreciation, depletion and amortization for physical assets used in the normal conduct of business to produce goods and services. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(14)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionValue received from shareholders in common stock-related transactions that are in excess of par value or stated value and amounts received from other stock-related transactions. Includes only common stock transactions (excludes preferred stock transactions). May be called contributed capital, capital in excess of par, capital surplus, or paid-in capital. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_AdditionalPaidInCapitalCommonStock Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 12: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 13: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 30: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Assets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of asset recognized for present right to economic benefit, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 10: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -

Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7 + Details Name: us-gaap_AssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashAndCashEquivalentsAtCarryingValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionRepresents the caption on the face of the balance sheet to indicate that the entity has entered into (1) purchase or supply arrangements that will require expending a portion of its resources to meet the terms thereof, and (2) is exposed to potential losses or, less frequently, gains, arising from (a) possible claims against a company's resources due to future performance under contract terms, and (b) possible losses or likely gains from uncertainties that will ultimately be resolved when one or more future events that are deemed likely to occur do occur or fail to occur. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_CommitmentsAndContingencies Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_CommonStockValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allocation of valuation allowances and deferred tax liability, of deferred tax asset attributable to deductible differences and carryforwards, with jurisdictional netting. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-4Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-6 + Details Name: us-gaap_DeferredIncomeTaxAssetsNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after deferred tax asset, of deferred tax liability attributable to taxable differences with jurisdictional netting. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(15)(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-4Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-6 + Details Name: us-gaap_DeferredIncomeTaxLiabilitiesNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount after amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483154/926-20-50-5 + Details Name: us-gaap_FiniteLivedIntangibleAssetsNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before accumulated depreciation of equipment commonly used in offices and stores that have no permanent connection to the structure of a building or utilities. Examples include, but are not limited to, desks, chairs, tables, and bookcases. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_FurnitureAndFixturesGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount, after accumulated impairment loss, of asset representing future economic benefit arising from other asset acquired in business combination or from joint venture formation or both, that is not individually identified and separately recognized. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482548/350-20-55-24Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 100 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482078/820-10-55-100Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482598/350-20-45-1Reference 7: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482573/350-20-50-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(10)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Goodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of assets, excluding financial assets and goodwill, lacking physical substance and having a projected indefinite period of benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2 + Details Name: us-gaap_IndefiniteLivedIntangibleAssetsExcludingGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of liability recognized for present obligation requiring transfer or otherwise providing economic benefit to others. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(26)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 15: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(14)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30 + Details Name: us-gaap_Liabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if

any. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(32)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LiabilitiesAndStockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionTotal obligations incurred as part of normal operations that are expected to be paid during the following twelve months or within one business cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(21)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-5Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 21: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7 + Details Name: us-gaap_LiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_LiabilitiesCurrentAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe carrying value as of the balance sheet date of the current portion of long-term obligations drawn from a line of credit, which is a bank's commitment to make loans up to a specific amount. Examples of items that might be included in the application of this element may consist of letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to a maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line. Includes short-term obligations that would normally be classified as current liabilities but for which (a) postbalance sheet date issuance of a long term obligation to refinance the short term obligation on a long term basis, or (b) the enterprise has entered into a financing agreement that clearly permits the enterprise to refinance the short-term obligation on a long term basis and the following conditions are met (1) the agreement does not expire within 1 year and is not cancelable by the lender except for violation of an objectively determinable provision, (2) no violation exists at the BS date, and (3) the lender has entered into the financing agreement is expected to be financially capable of honoring the agreement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(13)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_LinesOfCreditCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt classified as current. Excludes lease obligation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LongTermDebtCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after deduction of unamortized premium (discount) and debt issuance cost, of long-term debt classified as noncurrent. Excludes lease obligation. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LongTermDebtNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount before accumulated depreciation of tangible personal property used to produce goods and services, including, but is not limited to, tools, dies and molds, computer and office equipment. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_MachineryAndEquipmentGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as noncurrent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's right to use underlying asset under operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseRightOfUseAsset Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of current assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherAssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of noncurrent assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherAssetsNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount before accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(13)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 360 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after accumulated depreciation, depletion and amortization of physical assets used in the normal conduct of business to produce goods and services and not intended for resale. Examples include, but are not limited to, land, buildings, machinery and equipment, office equipment, and furniture and fixtures. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 1 -SubTopic 10 -Topic 360 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7AReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 360 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478451/942-360-50-1 + Details Name: us-gaap_PropertyPlantAndEquipmentNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_PropertyPlantAndEquipmentNetAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of accumulated undistributed earnings (deficit). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480990/946-20-50-11Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(23)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(17)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_RetainedEarningsAccumulatedDeficit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -

Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2 + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_StockholdersEquityAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 15 R3.htm IDEA: XBRL DOCUMENT v3.24.3 Condensed Consolidated Balance Sheets (Current Period Unaudited) (Parentheticals) - USD ($) $ in Thousands Jul. 31, 2024 Oct. 31, 2023 Accounts Receivable, Allowance for Credit Loss, Current $ 155 $ 244 Common Stock, Shares Authorized (in shares) 20,000,000 20,000,000 Common Stock, Par or Stated Value Per Share (in dollars per share) $ 0.01 $ 0.01 Common Stock, Shares, Issued (in shares) 10,493,485 10,343,223 Common Stock, Shares, Outstanding (in shares) 10,493,485 10,343,223 X - DefinitionAmount of allowance for credit loss on accounts receivable, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479344/326-20-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481962/310-10-50-4 + Details Name: us-gaap_AllowanceForDoubtfulAccountsReceivableCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionFace amount or stated value per share of common stock. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockParOrStatedValuePerShare Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionThe maximum number of common shares permitted to be issued by an entity's charter and bylaws. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1 + Details Name: us-gaap_CommonStockSharesAuthorized Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionTotal number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_CommonStockSharesIssued Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares of common stock outstanding. Common stock represent the ownership interest in a corporation. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(16)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3 + Details Name: us-gaap_CommonStockSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant XML 16 R4.htm IDEA: XBRL DOCUMENT v3.24.3 Condensed Consolidated Statements of Operations (Unaudited) - USD ($) 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Net sales $ 16,836,000 $ 15,652,000 $ 46,404,000 $ 56,294,000 Cost of sales 11,875,000 11,828,000 33,316,000 41,263,000 Gross profit 4,961,000 3,824,000 13,088,000 15,031,000 Operating expenses: Â Â Â Â Â Engineering 653,000 690,000 2,059,000 2,535,000 Selling and general 4,727,000 5,144,000 13,948,000 15,186,000 Total operating expenses 5,380,000 5,834,000 16,007,000 17,721,000 Operating (loss) income (419,000) (2,010,000) (2,919,000) (2,690,000) Other expense (338,000) (117,000) (676,000) (342,000) (Loss) income before benefit for income taxes (757,000) (2,127,000) (3,595,000) (3,032,000) Provision for (benefit) income taxes (52,000) (482,000) 2,766,000 (806,000) Consolidated net (loss) income $ (705,000) $ (1,645,000) $ (6,361,000) $ (2,226,000) Basic (in dollars per share) $ (0.07) $ (0.16) $ (0.61) $ (0.22) Diluted (in dollars per share) $ (0.07) $ (0.16) $ (0.61) $ (0.22) Weighted average shares outstanding: Â Â Â Â Basic (in shares) 10,495,082 10,290,265 10,466,862 10,267,652 Diluted (in shares) 10,495,082 10,290,265 10,466,862 10,267,652 X - DefinitionThe aggregate costs related to goods produced and sold and services rendered by an entity during the reporting period. This excludes costs incurred during the reporting period related to financial services rendered and other revenue generating activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1 + Details Name: us-gaap_CostOfGoodsAndServicesSold Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe amount of net income (loss) for the period per each share of common stock or unit outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareBasic Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_EarningsPerShareBasicOtherDisclosuresAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe amount of net income (loss) for the period available to each share of common stock or common unit outstanding during the reporting period and to each share or unit that would have been outstanding assuming the issuance of common shares or units for all dilutive potential common shares or units outstanding during the reporting period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 52 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-52Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482635/260-10-55-15Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-2Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(25)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(27)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(23)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-7 + Details Name: us-gaap_EarningsPerShareDiluted Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionAggregate revenue less cost of goods and services sold or operating expenses directly attributable to the revenue generation activity. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic

280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 8: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 9: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 14: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 23: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31 + Details Name: us-gaap_GrossProfit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of income (loss) from continuing operations, including income (loss) from equity method investments, before deduction of income tax expense (benefit), and income (loss) attributable to noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 9: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 11: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 12: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_IncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate amount of income or expense from ancillary business-related activities (that is to say, excluding major activities considered part of the normal operations of the business). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_NonoperatingIncomeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionGenerally recurring costs associated with normal operations except for the portion of these

expenses which can be clearly related to production and included in cost of sales or services. Includes selling, general and administrative expense. + ReferencesNo definition available. + Details Name: us-gaap_OperatingExpenses Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_OperatingExpensesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe net result for the period of deducting operating expenses from operating revenues. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31 + Details Name: us-gaap_OperatingIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of expense for research and development. Includes, but is not limited to, cost for computer software product to be sold, leased, or otherwise marketed and writeoff of research and development assets acquired in transaction other than business combination or joint venture formation or both. Excludes write-down of intangible asset acquired in business combination or from joint venture formation or both, used in research and development activity. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 730 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482916/730-10-50-1Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 912 -SubTopic 730 -Name Accounting Standards Codification -Section 25 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479532/912-730-25-1 + Details Name: us-gaap_ResearchAndDevelopmentExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount, including tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value-added and excise. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4 + Details Name: us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe aggregate total costs related to selling a firm's product and services, as well as all other general and administrative expenses. Direct selling expenses (for example, credit, warranty, and advertising) are expenses that can be directly linked to the sale of specific products. Indirect selling expenses are expenses that cannot be directly linked to the sale of specific products, for example telephone expenses, Internet, and postal charges. General and administrative expenses include salaries of non-sales personnel, rent, utilities, communication, etc. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_SellingGeneralAndAdministrativeExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16 + Details Name: us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting period that common shares or units have been outstanding to the total time in that period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10 + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration XML 17 R5.htm IDEA: XBRL DOCUMENT v3.24.3 Condensed Consolidated Statements of Stockholders' Equity (Unaudited) - USD ($) $ in Thousands Common Stock [Member] Additional Paid-in Capital [Member] Retained Earnings [Member] Total Balance (in shares) at Oct. 31, 2022 10,193,287 Â Â Â Balance at Oct. 31, 2022 $ 102 $ 25,118 $ 16,649 $ 41,869 Stock-based compensation expense Â 687 Â 687 Tax withholding related to vesting of restricted stock (in shares) (2,488) Â Â Â Tax withholding related to vesting of restricted stock Â (12) Â (12) Consolidated net loss Â Â (2,226) (2,226) Issuance of restricted stock (in shares) 54,092 Â Â Â Issuance of restricted stock $ 1 Â Â 1 Issuance of restricted stock Â (0) Â Â Balance (in shares) at Jul. 31, 2023 10,289,891 Â Â Â Balance at Jul. 31, 2023 $ 103 25,878 14,423 40,404 Exercise of stock options (in shares) 45,000 Â Â Â Exercise of stock options $ 0 85 Â 85 Issuance of restricted stock Â 0 Â Â Balance (in shares) at Apr. 30, 2023 10,290,377 Â Â Â Balance at Apr. 30, 2023 $ 103 25,634 16,068 41,805 Stock-based compensation expense Â 246 Â 246 Tax withholding related to vesting of restricted stock (in shares) (486) Â Â Â Tax withholding related to vesting of restricted stock Â (2) Â (2) Consolidated net loss Â Â (1,645) (1,645) Balance (in shares) at Jul. 31, 2023 10,289,891 Â Â Â Balance at Jul. 31, 2023 $ 103 25,878 14,423 40,404 Balance (in shares) at Oct. 31, 2023 10,343,223 Â Â Â Balance at Oct. 31, 2023 $ 104 26,087 13,571 39,762 Stock-based compensation expense Â 744 Â 744 Tax withholding related to vesting of restricted stock (in shares) (2,063) Â Â Â Tax withholding related to vesting of restricted stock Â (9) Â (9) Consolidated net loss Â Â (6,361) (6,361) Issuance of restricted stock (in shares) 152,325 Â Â Â Issuance of restricted stock $ 1 Â Â Â Issuance of restricted stock Â (1) Â Â Balance (in shares) at Jul. 31, 2024 10,493,485 Â Â Â Balance at Jul. 31, 2024 $ 105 26,821 7,210 $ 34,136 Exercise of stock options (in shares) Â Â Â 0 Issuance of restricted stock Â 1 Â Â Balance (in shares) at Apr. 30, 2024 10,495,548 Â Â Â Balance at Apr. 30, 2024 $ 105 26,589 7,915 $ 34,609 Stock-based compensation expense Â 241 Â 241 Tax withholding related to vesting of restricted stock (in shares) (2,063) Â Â Â Tax withholding related to vesting of restricted stock Â (9) Â (9) Consolidated net loss Â Â (705) (705) Balance (in shares) at Jul. 31, 2024 10,493,485 Â Â Â Balance at Jul. 31, 2024 $ 105 $ 26,821 $ 7,210 $ 34,136 X - DefinitionAmount of decrease to additional paid-in capital (APIC) for recognition of cost for restricted stock unit under share-based payment arrangement. + ReferencesNo definition available. + Details Name: rfil_APICShareBasedPaymentArrangementRestrictedStockUnitDecreaseForCostRecognition Namespace Prefix: rfil_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of decrease to equity for grantee's tax withholding obligation for award under share-based payment arrangement. + ReferencesNo definition available. + Details Name: us-gaap_AdjustmentsRelatedToTaxWithholdingForShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of increase to additional paid-in capital (APIC) for recognition of cost for award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480483/718-10-35-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 20 -Section 55 -Paragraph 13 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481089/718-20-55-13Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 20 -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481089/718-20-55-12 + Details Name: us-gaap_AdjustmentsToAdditionalPaidInCapitalSharebasedCompensationRequisiteServicePeriodRecognitionValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher

FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionNumber of shares issued which are neither cancelled nor held in the treasury. + ReferencesNo definition available. + Details Name: us-gaap_SharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionNumber of shares used to settle grantee's tax withholding obligation for award under share-based payment arrangement. + ReferencesNo definition available. + Details Name: us-gaap_SharesPaidForTaxWithholdingForShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of shares issued during the period related to Restricted Stock Awards, net of any shares forfeited. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodSharesRestrictedStockAwardNetOfForfeitures Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of share options (or share units) exercised during the current period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodSharesStockOptionsExercised Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionValue of stock related to Restricted Stock Awards issued during the period, net of the stock value of such awards forfeited. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodValueRestrictedStockAwardNetOfForfeitures Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionValue of stock issued as a result of the exercise of stock options. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodValueStockOptionsExercised Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of equity (deficit) attributable to parent. Excludes temporary equity and equity attributable to noncontrolling interest. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(31)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 5: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.6-05(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-2Reference 8: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(4)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 11: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 12: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 13: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 14: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 310 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 4.E) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480418/310-10-S99-2 + Details Name: us-gaap_StockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 18 R6.htm IDEA: XBRL DOCUMENT v3.24.3 Condensed Consolidated Statements of Cash Flows (Unaudited) - USD ($) $ in Thousands 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 OPERATING ACTIVITIES: Â Â Consolidated net loss $ (6,361) $ (2,226) Allowance for credit losses 2 82 Depreciation and amortization 1,904 1,795 Stock-based compensation expense 744 687 Amortization of debt issuance cost 68 7 Tax payments related to shares cancelled for vested restricted stock awards (9) (12) Deferred income taxes 2,674 (918) Extinguishment of debt issuance cost 14 0 Changes in operating assets and liabilities: Â Â Trade accounts receivable (401) 5,438 Inventories 3,681 850 Other current assets 240 4,570 Right of use assets 431 300 Other long-term assets (1) 18 Accounts payable (52) (2,950) Accrued expenses 475 (4,307) Income taxes payable 0 (760) Net cash provided by operating activities 3,409 2,574 INVESTING ACTIVITIES: Â Â Capital expenditures (564) (2,311) Net cash used in investing activities (564) (2,311) FINANCING ACTIVITIES: Â Â Proceeds from exercise of stock options 0 86 Debt issuance cost (520) 0 Line of credit payments 7,704 1,000 Term Loan payments (13,162) (1,818) Net cash (used in) provided by financing activities (5,978) (732) Net decrease in cash and cash equivalents (3,133) (469) Cash and cash equivalents, beginning of period 4,897 4,532 Cash and cash equivalents, end of period 1,764 4,063 Supplemental cash flow information â€“ income taxes paid $ 64 $ 19 X - DefinitionThe increase (decrease) during the period in the carrying amount of right of use assets. + ReferencesNo definition available. + Details Name: rfil_IncreaseDecreaseInRightOfUseAssets Namespace Prefix: rfil_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionRepresents the payments related to shares canceled for vested restricted stock awards. + ReferencesNo definition available. + Details Name: rfil_TaxPaymentsRelatedToSharesCanceledForVestedRestrictedStockAwards Namespace Prefix: rfil_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of amortization expense attributable to debt issuance costs. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-3 + Details Name: us-gaap_AmortizationOfFinancingCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including, but not limited to, disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-8Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4 + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsIncludingDisposalGroupAndDiscontinuedOperations Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of increase (decrease) in cash, cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 1 -SubTopic 230 -Topic 830 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477401/830-230-45-1 + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of deferred income tax expense (benefit) pertaining to income (loss) from continuing operations. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)(1)(Note 1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (b) -SubTopic 10 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-9 + Details Name: us-gaap_DeferredIncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe aggregate expense recognized in the current period that allocates the cost of tangible assets, intangible assets, or depleting assets to periods that benefit from use of the assets. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22 + Details Name: us-gaap_DepreciationDepletionAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionDifference between the fair value of payments made and the carrying amount of debt which is extinguished prior to maturity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher

FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 470 -SubTopic 50 -Section 40 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481303/470-50-40-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 470 -SubTopic 50 -Section 40 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481303/470-50-40-4 + Details Name: us-gaap_GainsLossesOnExtinguishmentOfDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, after refund, of cash paid to foreign, federal, state, and local jurisdictions as income tax. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-2AReference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 23 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-23Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-22Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482913/230-10-50-2 + Details Name: us-gaap_IncomeTaxesPaidNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate amount of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccountsPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in amount due within one year (or one business cycle) from customers for the credit sale of goods and services. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccountsReceivable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe increase (decrease) during the period in the amount due for taxes based on the reporting entity's earnings or attributable to the entity's income earning process (business presence) within a given jurisdiction. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccruedIncomeTaxesPayable Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate amount of expenses incurred but not yet paid. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInAccruedLiabilities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe increase (decrease) during the reporting period in the aggregate value of all inventory held by the reporting entity, associated with underlying transactions that are classified as operating activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInInventories Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_IncreaseDecreaseInOperatingCapitalAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of increase (decrease) in current assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherCurrentAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of increase (decrease) in noncurrent assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_IncreaseDecreaseInOtherNoncurrentAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash inflow (outflow) from financing activities, including discontinued operations. Financing activity cash flows include obtaining resources from owners and providing them with a return on, and a return of, their investment; borrowing money and repaying amounts borrowed, or settling the obligation; and obtaining and paying for other resources obtained from creditors on long-term credit. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24 + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInFinancingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from investing activities, including discontinued operations. Investing activity cash flows include making and collecting loans and acquiring and disposing of debt or equity instruments and property, plant, and equipment and other productive assets. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24 + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInInvestingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cash inflow (outflow) from operating activities, including discontinued operations. Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-24Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-25 + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivities Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe portion of profit or loss for the period, net of income taxes, which is attributable to the parent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476176/805-60-65-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-6Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 11 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-11Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-4Reference 17: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-10Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section 45 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479105/946-220-45-7Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-07(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-1Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-09(1)(d)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479134/946-220-S99-3Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 60B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-60BReference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 205 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483499/205-20-50-7Reference 34: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1AReference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-1BReference 37: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(22)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_NetIncomeLoss Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow paid to third parties in connection with debt origination, which will be amortized over the remaining maturity period of the associated long-term debt. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 15 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsOfDebtIssuanceCosts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe cash outflow associated with the acquisition of long-lived, physical assets that are used in the normal conduct of business to produce goods and services and not intended for resale; includes cash outflows to pay for construction of self-constructed assets. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 13 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-13 + Details Name: us-gaap_PaymentsToAcquirePropertyPlantAndEquipment Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of cash inflow from contractual arrangement with the lender, including but not limited to, letter of credit, standby letter of credit and revolving credit arrangements. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 14 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14 + Details Name: us-gaap_ProceedsFromLinesOfCredit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cash inflow from exercise of option under share-based payment arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 14 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-14Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2A -

Subparagraph (a) -SubTopic 10 -Topic 718 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2A + Details Name: us-gaap_ProceedsFromStockOptionsExercised Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of expense (reversal of expense) for expected credit loss on accounts receivable. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 13 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479319/326-20-50-13Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_ProvisionForDoubtfulAccounts Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe cash outflow for debt initially having maturity due after one year or beyond the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.6-03(i)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479886/946-10-S99-3 + Details Name: us-gaap_RepaymentsOfLongTermDebt Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of noncash expense for share-based payment arrangement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (a) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28 + Details Name: us-gaap_ShareBasedCompensation Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 19 R7.htm IDEA: XBRL DOCUMENT v3.24.3 Note 1 - Unaudited Interim Condensed Consolidated Financial Statements 9 Months Ended Jul. 31, 2024 Notes to Financial Statements Â Basis of Presentation and Significant Accounting Policies [Text Block] Note 1 â€“ Unaudited interim condensed consolidated financial statements Â Our accompanying unaudited condensed consolidated financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America (â€œGAAPâ€) for interim financial information and with the instructions to Form 10-Q. Accordingly, they do not include all of the information and footnotes required by GAAP for complete financial statements. In the opinion of management, all adjustments, which are normal and recurring and other items of gain (loss) and expense required in our view under Accounting Standards Codification (â€œASCâ€) 270, Interim Reporting, have been included for a fair statement of the financial position. Information included in the condensed consolidated balance sheet as of October 31, 2023 has been derived from, and certain terms used herein are defined in, the audited consolidated financial statements of RF Industries, Ltd. as of October 31, 2023 included in our Annual Report on Form 10-K (â€œForm 10-Kâ€) for the year ended October 31, 2023 that was previously filed with the Securities and Exchange Commission (â€œSECâ€). Operating results for the nine months ended July 31, 2024 are not necessarily indicative of the results that may be expected for the year ended October 31, 2024. The unaudited condensed consolidated financial statements should be read in conjunction with the consolidated financial statements and footnotes thereto included in our Form 10-K. Â Our accompanying unaudited condensed consolidated financial statements have been prepared assuming that the Company will continue as a going concern, which contemplates continuity of operations, realization of assets, and satisfaction of liabilities in the ordinary course of business. The propriety of using the going-concern basis is dependent upon, among other things, the achievement of future profitable operations, the ability to generate sufficient cash from operations and potential other funding sources, in addition to cash on-hand along with the current Credit Facility (as defined below), to meet its obligations as they become due. Â Although we have incurred operating losses during the three and nine months ended July 31, 2024, we have implemented certain cost-cutting measures to reduce our operating expenses and to help drive positive operating cash flow and increase liquidity. Our plan includes consolidating facilities and recognizing the related operating efficiencies and synergies in our production operations. The Company intends to continue to pursue additional continuous improvement and cost reduction measures, as well as organic growth in revenue and profitability. Â On March 15, 2024, the Company entered into the loan and security agreement with Eclipse Business Capital, as administrative agent (â€œEBCâ€), pursuant to which proceeds from initial drawings under the credit facility with EBC were used to repay in full the outstanding obligations under the prior revolving credit facility and term loan that we had with Bank of America, N.A, which such credit facility with Bank of America was terminated upon entry into the loan and security agreement with EBC. Â Principles of consolidation Â The accompanying consolidated financial statements include the accounts of RF Industries, Ltd., Cables Unlimited, Inc. (â€œCables Unlimitedâ€), Rel-Tech Electronics, Inc. (â€œRel-Techâ€), C Enterprises, Inc. (â€œC Enterprisesâ€), Schroff Technologies International, Ltd. (â€œSchrofftechâ€), and Microlab/FXR LLC (â€œMicrolabâ€), wholly-owned subsidiaries of RF Industries, Ltd. All intercompany balances and transactions have been eliminated in consolidation. Â Fair value measurement Â We measure at fair value certain financial assets and liabilities. Fair value is defined as the price that would be received to sell an asset or transfer a liability in an orderly transaction between market participants at the measurement date. GAAP specifies a hierarchy of valuation techniques based on whether the inputs to those valuation techniques are observable or unobservable. Observable inputs reflect market data obtained from independent sources, while unobservable inputs reflect our market assumptions. These two types of inputs have created the following fair-value hierarchy: Â LevelÂ 1â€” Quoted prices for identical instruments in active markets; Â LevelÂ 2â€” Quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active, and model-derived valuations in which all significant inputs and significant value drivers are observable in active markets;Â and Â LevelÂ 3â€” Valuations derived from valuation techniques in which one or more significant inputs or significant value drivers are unobservable. Â As of July 31, 2024 and October 31, 2023, the carrying amounts reflected in the accompanying consolidated balance sheets for cash and cash equivalents, accounts receivable, and accounts payable approximated their carrying value due to their short-term nature. Â Â Recent accounting standards Â Recently issued accounting pronouncements adopted: Â InÂ June 2016,Â the Financial Accounting Standards Board (â€œFASBâ€) issued Accounting Standard Update (â€œASUâ€)Â 2016-13,Â Financial Instrumentsâ€“Credit Losses, which requires a financial asset (or a group of financial assets) measured at amortized cost basis to be presented at the net amount expected to be collected. The allowance for credit losses is a valuation account that is deducted from the amortized cost basis of the financial asset(s) to present the net carrying value at the amount expected to be collected on the financial asset. The guidance is effective for fiscal years beginning afterÂ December 15, 2019.Â InÂ November 2019,Â the FASB issued ASUÂ 2019-10,Â Financial Instrumentsâ€“Credit Losses (TopicÂ 326), which pushes back the effective date for public business entities that are smaller reporting companies, as defined by the SEC, to fiscal years beginning afterÂ December 15, 2022.Â The guidance was effective for the Company beginning on November 1, 2023 and the adoption of this standard had no material impact on the Companyâ€™s condensed consolidated financial statements or related disclosures. Â Recently issued accounting pronouncements not yet adopted: Â In November 2023, the FASB issued ASU 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures, which expands annual and interim disclosure requirements for reportable segments, primarily through enhanced disclosures about significant segment expenses. ASU 2023-07 is effective for our annual periods beginning November 1, 2024, and for interim periods beginning January 1, 2025, with early adoption permitted. We are currently evaluating the potential effect that the updated standard will have on our financial statement disclosures. Â In December 2023, the FASB issued ASU 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures, to expand the disclosure requirements for income taxes, specifically related to the effective tax rate reconciliation and income taxes paid. ASU 2023-09 is effective for our annual periods beginning November 1, 2025, with early adoption permitted. We are currently evaluating the potential effect that the updated standard will have on our financial statement disclosures. X - DefinitionThe entire disclosure for the basis of presentation and significant accounting policies concepts. Basis of presentation describes the underlying basis used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). Accounting policies describe all significant accounting policies of the reporting entity. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 235 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/235/tableOfContent + Details Name: us-gaap_BasisOfPresentationAndSignificantAccountingPoliciesTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 20 R8.htm IDEA: XBRL DOCUMENT v3.24.3 Note 2 - Concentrations of Credit Risk 9 Months Ended Jul. 31, 2024 Notes to Financial Statements Â Concentration Risk Disclosure [Text Block] Note 2 â€“ Concentrations of credit risk Â Financial instruments that potentially subject us to concentrations of credit risk consist primarily of cash and cash equivalents and accounts receivable. We maintain our cash and cash equivalents with high-credit quality financial institutions. At July 31, 2024, we had cash and cash equivalent balances in excess of federally insured limits in the amount of approximately $1.4 million. Â Sales from each customer that were 10% or greater of net sales were as follows: Â Â Â Three Months Ended July 31, Â Â Nine Months Ended July 31, Â Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Wireless provider A Â Â Â - Â Â Â - Â Â Â - Â Â Â 13% Â Wireless provider B Â Â 11% Â Â Â - Â Â Â - Â Â Â - Â Â Â Distributor A Â Â 13% Â Â Â - Â Â Â - Â Â Â - Â Â Â Distributor B Â Â - Â Â Â 12% Â Â Â - Â Â Â - Â Â For the three months ended July 31, 2024, one wireless carrier and one distributor customer accounted for 11% and 13% or more of net sales, and accounted for 18% and 10% of total net accounts receivable balance, respectively. For the nine months ended July 31, 2024, no customer accounted for 10% or more of net sales, but the aforementioned wireless carrier and the same distributor customer accounted for 18% and 10% of total net accounts receivable balance, respectively. For the three months ended July 31, 2023, a distributor customer accounted for 12% of net sales and 12% of total net accounts receivable balance, while another distributor whose sales were less than 10% of total net sales, accounted for 11% of total net accounts receivable balance. For the nine months ended July 31, 2023, a wireless carrier accounted for 13% of net sales and less than 10% of total net accounts receivable balance. Although these customers have been significant customers of the Company, the written agreements with these customers do not have any minimum purchase obligations and these customers could stop buying our products at any time and for any reason. A reduction, delay or cancellation of orders from these customers or the loss of these customers could significantly reduce our future revenues and profits. X - DefinitionThe entire disclosure for any concentrations existing at the date of the financial statements that make an entity vulnerable to a reasonably possible, near-term, severe impact. This disclosure informs financial statement users about the general nature of the risk associated with the concentration, and may indicate the percentage of concentration risk as of the balance sheet date. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 275 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/275/tableOfContent + Details Name: us-gaap_ConcentrationRiskDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 21 R9.htm IDEA: XBRL DOCUMENT v3.24.3 Note 3 - Inventories and Major Vendors 9 Months Ended Jul. 31, 2024 Notes to Financial Statements Â Inventory Disclosure [Text Block] Note 3 â€“ Inventories and major vendors Â Inventories, consisting of materials, labor and manufacturing overhead, are stated at the lower of cost or net realizable value. Cost has been determined using the weighted average cost method. Inventories consist of the following (in thousands):Â Â Â Â July 31, 2024 Â Â October 31, 2023 Â Â Â Â Â Â Â Â Â Â Raw materials and supplies Â $ 10,923 Â Â $ 12,957 Â Work in process Â Â 565 Â Â Â 439 Â Finished goods Â Â 3,561 Â Â Â 5,334 Â Â Â Â Â Â Â Â Â Â Totals Â $ 15,049 Â Â $ 18,730 Â Â Â For the three months ended July 31, 2024, no single vendor accounted for 10% or more of inventory purchases. For the three months ended July 31, 2023, one vendor accounted for 10% of inventory purchases. For the nine months ended July, 2024, no single vendor accounted for 10% or more of inventory purchases and one vendor accounted for 17% of inventory purchases for the nine months ended July 31, 2023. We have arrangements with these vendors to purchase products based on purchase orders that we periodically issue. X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for inventory. Includes, but is not limited to, the basis of stating inventory, the method of determining inventory cost, the classes of inventory, and the nature of the cost elements included in inventory. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 330 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/330/tableOfContent + Details Name: us-gaap_InventoryDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 22 R10.htm IDEA: XBRL DOCUMENT v3.24.3 Note 4 - Other Current Assets 9 Months Ended Jul. 31, 2024 Notes to Financial Statements Â Other Current Assets [Text Block] Note 4 â€“ Other current assets Â Other current assets consist of the following (in thousands):Â Â Â Â July 31, 2024 Â Â October 31, 2023 Â Â Â Â Â Â Â Â Â Â Prepaid taxes Â $ 614 Â Â $ 642 Â Prepaid expense Â Â 796 Â Â Â 953 Â Deposits Â Â 333 Â Â Â 374 Â Other Â Â 153 Â Â Â 167 Â Â Â Â Â Â Â Â Â Â Totals Â $ 1,896 Â Â $ 2,136 Â Â X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for other current assets. + ReferencesNo definition available. + Details Name: us-gaap_OtherCurrentAssetsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 23 R11.htm IDEA: XBRL DOCUMENT v3.24.3 Note 5 - Accrued Expenses and Other Current Liabilities 9 Months Ended Jul. 31, 2024 Notes to Financial Statements Â Accounts Payable, Accrued Liabilities, and Other Liabilities Disclosure, Noncurrent [Text Block] Note 5 â€“ Accrued expenses and other current liabilities Â Accrued expenses consist of the following (in thousands): Â Â Â Â July 31, 2024 Â Â October 31, 2023 Â Â Â Â Â Â Â Â Â Â Wages payable Â $ 2,279 Â Â $ 2,461 Â Accrued receipts Â Â 1,603 Â Â Â 1,131 Â Other accrued expenses Â Â 1,164 Â Â Â 980 Â Â Â Â Â Â Â Â Â Â Totals Â $ 5,046 Â Â $ 4,572 Â Â Accrued receipts represent purchased inventory for which invoices have not been received. X - DefinitionThe entire disclosure for accounts payable, accrued expenses, and other liabilities that are classified as noncurrent at the end of the reporting period. + ReferencesNo definition available. + Details Name: us-gaap_AccountsPayableAccruedLiabilitiesAndOtherLiabilitiesDisclosureNoncurrentTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 24 R12.htm IDEA: XBRL DOCUMENT v3.24.3 Note 6 - Income (Loss) Per Share 9 Months Ended Jul. 31, 2024 Notes to Financial Statements Â Earnings Per Share [Text Block] Note 6 â€“Income (Loss) per share Â Basic income (loss) per share is computed by dividing net loss by the weighted average number of common shares outstanding during the period. Diluted earnings per share is computed by dividing net income by the weighted average number of common shares outstanding increased by the effects of assuming that other potentially dilutive securities (such as stock options) outstanding during the period had been exercised and the treasury stock method had been applied. During the three months ended July 31, 2024, we reported a net loss and, in periods with a net loss, the basic loss per share equals the diluted loss per share as all common stock equivalents are excluded from the per share calculation due to their anti-dilutive effect. Potentially issuable securities that are out-of-the-money totaled 846,889Â and 814,154 shares for the three months ended July 31, 2024 and 2023, respectively, and 846,889Â and 750,967 shares for the nine months ended July 31, 2024 and 2023, respectively, and were excluded from the calculation of diluted per share amounts because of their anti-dilutive effect. Â The following table summarizes the computation of basic and diluted weighted average shares outstanding: Â Â Â Three Months Ended July 31, Â Â Nine Months Ended July 31, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Weighted average shares outstanding for basic earnings per share Â Â 10,495,082 Â Â Â 10,290,265 Â Â Â 10,466,862 Â Â Â 10,267,652 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Add effects of potentially dilutive securities-assumed exercise of stock options Â Â - Â Â Â - Â Â Â - Â Â Â - Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Weighted average shares outstanding for diluted earnings per share Â Â 10,495,082 Â Â Â 10,290,265 Â Â Â 10,466,862 Â Â Â 10,267,652 Â Â Â Â X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for earnings per share. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/260/tableOfContentReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-3 + Details Name: us-gaap_EarningsPerShareTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 25 R13.htm IDEA: XBRL DOCUMENT v3.24.3 Note 7 - Stock-based Compensation and Equity Transactions 9 Months Ended Jul. 31, 2024 Notes to Financial Statements Â Share-Based Payment Arrangement [Text Block] Note 7 â€“ Stock-based compensation and equity transactions Â

On January 11, 2023, we granted a total of 54,092 shares of restricted stock and 108,181 incentive stock options to one manager and three officers, respectively. The shares of restricted stock and incentive stock options vest over four years as follows: (i) one-quarter of the restricted shares and options vested on January 10, 2024 and (ii) the remaining restricted shares and options shall vest in 12 equal quarterly installments over the next three years. Also on January 11, 2023, we granted another manager 50,000 incentive stock options. As of October 31, 2023, the 50,000 incentive stock options granted to the manager were cancelled and forfeited as the manager was no longer employed. All incentive stock options expire 10 years from the date of grant. Â On August 29, 2023, we granted one employee 10,000 incentive stock options. These options vested with respect to 2,500 shares on the date of grant, and the remaining shares vests in equal installments thereafter on each of the next three anniversaries of August 29, 2023. The options expire 10 years from the date of grant. Â On November 1, 2023, we granted 15,202 shares of restricted stock to one officer in lieu of cash compensation. The shares of restricted stock vest over one year as follows: (i) one-quarter of the restricted shares on January 31, 2024 and (ii) the remaining restricted shares shall vest in three equal quarterly installments. Â On January 11, 2024, we granted a total of 110,099 shares of restricted stock and 220,001 incentive stock options to one manager and three officers, respectively. The shares of restricted stock and incentive stock options vest over four years as follows: (i) one-quarter of the restricted shares and options shall vest on January 11, 2025 and (ii) the remaining restricted shares and options shall vest in 12 equal quarterly installments over the next three years. Â On April 16, 2024, we granted a total of 25,000 incentive stock options to three managers. The shares of incentive stock options vest over four years as follows: (i) one-quarter of the restricted shares and options shall vest on April 16, 2025 and (ii) the remaining restricted shares and options shall vest in 12 equal quarterly installments over the next three years. Â No other shares or options were granted to Company employees during the three and nine months ended July 31, 2024 and 2023. Â The weighted average fair value of employee stock options that were granted during the nine months ended July 31, 2024 and 2023 was estimated to be $1.76 and $3.21, respectively, per share, using the Black-Scholes option pricing model with the following assumptions: Â Â Â Nine Months Ended July 31, Â Â Â 2024 Â Â 2023 Â Risk-free interest rate Â Â 4.00 % Â Â 3.76 % Dividend yield Â Â 0.00 % Â Â 0.00 % Expected life of the option (years) Â 7.00 Â Â 7.01 Â Volatility factor Â Â 51.30 % Â Â 54.30 % Â Expected volatilities are based on historical volatility of our stock price and other factors. We used the historical method to calculate the expected life of the 2024 and 2023 option grants. The expected life represents the period of time that options granted are expected to be outstanding. The risk-free rate is based on the U.S. Treasury rate with a maturity date corresponding to the optionsâ€™ expected life. The dividend yield is based upon the historical dividend yield. Â Company stock option plans Â Descriptions of our stock option plans are included in Note 9 to our audited financial statements included in our Annual Report on Form 10-K for the year ended October 31, 2023. A summary of the status of the options granted under our stock option plans as of July 31, 2024 and the changes in options outstanding during the three months then ended is presented in the table that follows: Â Â Â Â Â Â Â Â Weighted Â Â Â Â Â Â Â Â Average Â Â Â Â Shares Â Â Exercise Price Â Outstanding at November 1, 2023 Â Â 754,186 Â Â $ 6.04 Â Options granted Â Â 245,001 Â Â $ 3.01 Â Options exercised Â Â - Â Â $ - Â Options cancelled Â Â (39,097) Â $ 8.03 Â Options outstanding at July 31, 2024 Â Â 960,090 Â Â $ 5.18 Â Options exercisable at July 31, 2024 Â Â 555,664 Â Â $ 5.69 Â Options vested and expected to vest at July 31, 2024 Â Â 954,623 Â Â $ 5.08 Â Â Weighted average remaining contractual life of options outstanding as of July 31, 2024: 6.78 years Â Â Weighted average remaining contractual life of options exercisable as of July 31, 2024: 5.49Â years Â Weighted average remaining contractual life of options vested and expected to vest as of July 31, 2024: 6.78 years Â Aggregate intrinsic value of options outstanding at July 31, 2024: $448,028 Â Aggregate intrinsic value of options exercisable at July 31, 2024: $119,910 Â Aggregate intrinsic value of options vested and expected to vest at July 31, 2024: $431,622 Â As of July 31, 2024, $913,175Â and $703,899Â of expenses with respect to nonvested stock options and restricted shares, respectively, have yet to be recognized but are expected to be recognized over a weighted average period of 3.0Â and 2.6Â years, respectively. Â Stock option expense Â During the three months ended July 31, 2024 and 2023, stock-based compensation expense totaled $241,000 and $246,000, respectively, and was classified in selling and general expense. During the nine months ended July 31, 2024 and 2023, stock-based compensation expense totaled $744,000 and $687,000, respectively, and was classified in selling and general expense. X - DefinitionThe entire disclosure for share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/718/tableOfContentReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (l) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_DisclosureOfCompensationRelatedCostsShareBasedPaymentsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 26 R14.htm IDEA: XBRL DOCUMENT v3.24.3 Note 8 - Segment Information 9 Months Ended Jul. 31, 2024 Notes to Financial Statements Â Segment Reporting Disclosure [Text Block] Note 8 â€“ Segment information Â We aggregate operating divisions into two reporting segments that have similar economic characteristics primarily in the following areas: (1) the nature of the product and services; (2) the nature of the production process; (3) the type or class of customer for their products and services; (4) the methods used to distribute their products or services; and (5) if applicable, the nature of the regulatory environment. Based upon this evaluation, as of July 31, 2024, we had two reportable segments â€“ RF Connector and Cable Assembly (â€œRF Connectorâ€) segment and Custom Cabling Manufacturing and Assembly (â€œCustom Cablingâ€) segment. Â Management identifies segments based on strategic business units that are, in turn, based along market lines. These strategic business units offer products and services to different markets in accordance with their customer base and product usage. For segment reporting purposes, the RF Connector, C Enterprises and Microlab divisions constitute the RF Connector segment, and the Cables Unlimited, Rel-Tech, Â and Schrofftech divisions constitute the Custom Cabling segment. Â On August 1, 2023, C Enterprises moved and transitioned its physical operations into the RF Connector office in San Diego, CA. Given the synergies in consolidating both the operating divisions into one building, C Enterprises has been included in the RF Connector segment since August 1, 2023. Further, since the acquisition of C Enterprises in 2019, the customer base for the division has shifted more towards distribution as opposed to direct to end customer which is more aligned with the RF Connector segment. The segment change of including C Enterprise as part of the RF Connector segment was made retroactive to the beginning of our fiscal year starting November 1, 2022 and reclassified for fiscal 2022 for comparative purposes. In annual and interim periods reported prior to the transition on August 1, 2023, C Enterprises was included in the Custom Cabling segment. Â The RF Connector segment consists of three divisions and the Custom Cabling segment consists of three divisions. The six divisions that met the quantitative thresholds for segment reporting are the RF Connector and Cable Assembly division (â€œRF Connector divisionâ€), Cables Unlimited, Rel-Tech, C Enterprises, Schrofftech, and Microlab. While each segment has similar products and services, there was little overlapping of these services to their customer base. The biggest difference in segments is in the channels of sales: sales or product and services for the RF Connector segment were primarily through the distribution channel, while the Custom Cabling segment sales were through a combination of distribution and direct to the end customer. Â As reviewed by our chief operating decision maker, we evaluate the performance of each segment based on income or loss before income taxes. We charge depreciation and amortization directly to each division within the segment. Accounts receivable, inventory, property and equipment, right-of-use assets, goodwill and intangible assets are the only assets identified by segment. Except as discussed above, the accounting policies for segment reporting are the same for the Company as a whole. Â Â All of our operations are conducted in the United States; however, we derive a portion of our revenue from export sales. We attribute sales to geographic areas based on the location of the customers. The following table presents the sales by geographic area for the three and nine months ended July 31, 2024 and 2023 (in thousands): Â Â Â Three Months Ended July 31, Â Â Nine Months Ended July 31, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â United States Â $ 15,473 Â Â $ 13,955 Â Â $ 41,948 Â Â $ 50,967 Â Foreign Countries: Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Canada Â Â 765 Â Â Â 703 Â Â 2,595 Â Â Â 1,875 Â Italy Â Â 85 Â Â Â 300 Â Â 270 Â Â Â 1,692 Â Mexico Â Â - Â Â Â - Â Â Â 3 Â Â Â 3 Â All Other Â Â 513 Â Â Â 694 Â Â Â 1,588 Â Â Â 1,757 Â Â Â Â 1,363 Â Â Â 1,697 Â Â Â 4,456 Â Â Â 5,327 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Totals Â $ 16,836 Â Â $ 15,652 Â Â $ 46,404 Â Â $ 56,294 Â Â Net sales to external customers, (loss) income before provision (benefit) for income taxes and other related segment information for the three months ended July 31, 2024 and 2023 are as follows (in thousands): Â Â Â RF Connector Â Â Custom Cabling Â Â Â Â Â Â Â Â Â Â and Â Â Manufacturing and Â Â Â Â Â Â Â Â 2024 Â Cable Assembly Â Â Assembly Â Â Corporate Â Â Total Â Net sales Â $ 9,697 Â Â $ 7,139 Â Â $ - Â Â $ 16,836 Â (Loss) income before benefit for income taxes Â Â (715) Â Â 297 Â Â Â (339) Â Â (757) Depreciation and amortization Â Â 525 Â Â Â 113 Â Â Â - Â Â Â 638 Â Total assets Â Â 49,355 Â Â Â 18,112 Â Â Â 4,393 Â Â Â 71,860 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â 2023 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Net sales Â $ 10,515 Â Â $ 5,137 Â Â $ - Â Â $ 15,652 Â (Loss) income before benefit for income taxes Â Â (1,392) Â Â (424) Â Â (311) Â Â (2,127) Depreciation and amortization Â Â 507 Â Â Â 124 Â Â Â - Â Â Â 631 Â Total assets Â Â 52,358 Â Â Â 17,345 Â Â Â 8,353 Â Â Â 78,056 Â Â Â Net sales to external customers, income (loss) before provision (benefit) for income taxes and other related segment information for the nine months ended July 31, 2024 and 2023 are as follows (in thousands): Â Â Â RF Connector Â Â Custom Cabling Â Â Â Â Â Â Â Â Â Â and Â Â Manufacturing and Â Â Â Â Â Â Â Â 2024 Â Cable Assembly Â Â Assembly Â Â Corporate Â Â Total Â Net sales Â $ 28,406 Â Â $ 17,998 Â Â $ - Â Â $ 46,404 Â (Loss) income before benefit from income taxes Â Â (3,104) Â Â 386 Â Â Â (877) Â Â (3,595) Depreciation and amortization Â Â 1,610 Â Â Â 294 Â Â Â - Â Â Â 1,904 Â Total assets Â Â 49,355 Â Â Â 18,112 Â Â Â 4,393 Â Â Â 71,860 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â 2023 Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Â Net sales Â $ 34,861 Â Â $ 21,433 Â Â $ - Â Â $ 56,294 Â (Loss) income before benefit for income taxes Â Â (1,027) Â Â (958) Â Â (1,047) Â Â (3,032) Depreciation and amortization Â Â 1,418 Â Â Â 377 Â Â Â - Â Â Â 1,795 Â Total assets Â Â 52,358 Â Â Â 17,345 Â Â Â 8,353 Â Â Â 78,056 Â Â X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for reporting segments including data and tables. Reportable segments include those that meet any of the following quantitative thresholds a) it's reported revenue, including sales to external customers and intersegment sales or transfers is 10 percent or more of the combined revenue, internal and external, of all operating segments b) the absolute amount of its reported profit or loss is 10 percent or more of the greater, in absolute amount of 1) the combined reported profit of all operating segments that did not report a loss or 2) the combined reported loss of all operating segments that did report a loss c) its assets are 10 percent or more of the combined assets of all operating segments. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 9: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 10: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 34 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-34Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 26C -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-26CReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 26B -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-26BReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-15Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/280/tableOfContentReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 26 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-26Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-21Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-21Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32 + Details Name: us-gaap_SegmentReportingDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 27 R15.htm IDEA: XBRL DOCUMENT v3.24.3 Note 9 - Income Taxes 9 Months Ended Jul. 31, 2024 Notes to Financial Statements Â Income Tax Disclosure [Text Block] Note 9 â€“ Income taxes Â We use an estimated annual effective tax rate, which is based on expected annual taxable income (loss), statutory tax rates and tax planning opportunities available in the various jurisdictions in which we operate, to determine its quarterly provision (benefit) for income taxes. Certain significant or unusual items are separately recognized in the quarter in which they occur and can be a source of variability in the effective tax rates from quarter to quarter. Â We recorded income tax provisions benefitsÂ of $52,000Â and $482,000Â for the three months ended July 31, 2024 and 2023, respectively. The effective tax rate was 6.9% for the three months ended July 31, 2024, compared to 22.7% for the three months ended July 31, 2023. For the nine months ended July 31, 2024 and 2023, we recorded income tax provisions (benefits) of $2,766,000 and ($806,000), respectively. The effective tax rate was (76.9%) for the nine months ended July 31, 2024, compared to 26.6% for the nine months ended July 31, 2023. The change in

effective tax rate for the nine months ended July 31, 2024 compared to the nine months ended July 31, 2023 was primarily driven by the recording of a valuation allowance of $3.6 million on deferred tax assets during the quarter ended April 30, 2024. Â Â We had $226,000 and $178,000 of unrecognized tax benefits, as of July 31, 2024 and October 31, 2023, respectively. The unrecognized tax benefits, if recognized, would result in a net tax benefit of $203,000 as of July 31, 2024.
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EBC Credit Agreement and First Amendment. We filed the EBC Credit Agreement as Exhibit 10.3 to our Quarterly Report on Form 10-Q for the quarter ended January 31, 2024 and the First Amendment is filed as Exhibit 10.1 to this Quarterly Report on Form 10-Q for the quarter ended July 31, 2024 and each is incorporated by reference herein. Â Debt issuance costs related to the EBC Credit Agreement totaled $455,000 and were included as part of our other long term assets balance. Â As of July 31, 2024, our outstanding borrowings under the EBC Credit Agreement were $8,704,000. In accordance with ASC 470-10-45, Other Presentations Matters - General, we have classified the outstanding borrowings as part of current liabilities. X - DefinitionThe entire disclosure for information about short-term and long-term debt arrangements, which includes amounts of borrowings under each line of credit, note payable, commercial paper issue, bonds indenture, debenture issue, own-share lending arrangements and any other contractual agreement to repay funds, and about the underlying arrangements, rationale for a classification as long-term, including repayment terms, interest rates, collateral provided, restrictions on use of assets and activities, whether or not in compliance with debt covenants, and other matters important to users of the financial statements, such as the effects of refinancing and noncompliance with debt covenants. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481544/470-10-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481544/470-10-50-6Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 405 -SubTopic 40 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477092/405-40-50-1Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 470 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/470/tableOfContentReference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1C -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1CReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1C -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1CReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1C -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1CReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1IReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1I + Details Name: us-gaap_DebtDisclosureTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 31 R19.htm IDEA: XBRL DOCUMENT v3.24.3 Note 13 - Cash Dividend and Declared Dividends 9 Months Ended Jul. 31, 2024 Notes to Financial Statements Â Cash Dividend and Declared Dividends [Text Block] Note 13 â€“ Cash dividend and declared dividends Â We did not pay any dividends during the three or nine months ended July 31, 2024, nor during the three or nine months ended July 31, 2023. X - DefinitionThe entire disclosure for cash dividends and declared dividends. + ReferencesNo definition available. + Details Name: rfil_CashDividendAndDeclaredDividendsTextBlock Namespace Prefix: rfil_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_DisclosureTextBlockAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 32 R20.htm IDEA: XBRL DOCUMENT v3.24.3 Insider Trading Arrangements 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2024 Insider Trading Arr Line Items Â Â Material Terms of Trading Arrangement [Text Block] Â Item 5. Other Information Â Insider Trading Arrangements Â During the quarterly period ended July 31, 2024, no director or officer adopted or terminated any Rule 10b5-1 trading arrangement, and/or any non-Rule 10b5-1 trading arrangement (as such terms are defined pursuant to Item 408 of Regulation S-K). Â Rule 10b5-1 Arrangement Terminated [Flag] false Â Rule 10b5-1 Arrangement Adopted [Flag] false Â Non-Rule 10b5-1 Arrangement Adopted [Flag] false Â Non-Rule 10b5-1 Arrangement Terminated [Flag] false Â X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a + Details Name: ecd_InsiderTradingArrLineItems Namespace Prefix: ecd_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_MtrlTermsOfTrdArrTextBlock Namespace Prefix: ecd_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_NonRule10b51ArrAdoptedFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_NonRule10b51ArrTrmntdFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_Rule10b51ArrAdoptedFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration X - ReferencesReference 1: http://www.xbrl.org/2003/role/presentationRef -Publisher SEC -Name Regulation S-K -Number 229 -Section 408 -Subsection a -Paragraph 1 + Details Name: ecd_Rule10b51ArrTrmntdFlag Namespace Prefix: ecd_ Data Type: xbrli:booleanItemType Balance Type: na Period Type: duration XML 33 R21.htm IDEA: XBRL DOCUMENT v3.24.3 Significant Accounting Policies (Policies) 9 Months Ended Jul. 31, 2024 Accounting Policies [Abstract] Â Consolidation, Policy [Policy Text Block] Principles of consolidation Â The accompanying consolidated financial statements include the accounts of RF Industries, Ltd., Cables Unlimited, Inc. (â€œCables Unlimitedâ€), Rel-Tech Electronics, Inc. (â€œRel-Techâ€), C Enterprises, Inc. (â€œC Enterprisesâ€), Schroff Technologies International, Ltd. (â€œSchrofftechâ€), and Microlab/FXR LLC (â€œMicrolabâ€), wholly-owned subsidiaries of RF Industries, Ltd. All intercompany balances and transactions have been eliminated in consolidation. Fair Value Measurement, Policy [Policy Text Block] Fair value measurement Â We measure at fair value certain financial assets and liabilities. Fair value is defined as the price that would be received to sell an asset or transfer a liability in an orderly transaction between market participants at the measurement date. GAAP specifies a hierarchy of valuation techniques based on whether the inputs to those valuation techniques are observable or unobservable. Observable inputs reflect market data obtained from independent sources, while unobservable inputs reflect our market assumptions. These two types of inputs have created the following fair-value hierarchy: Â LevelÂ 1â€” Quoted prices for identical instruments in active markets; Â LevelÂ 2â€” Quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active, and model-derived valuations in which all significant inputs and significant value drivers are observable in active markets;Â and Â LevelÂ 3â€” Valuations derived from valuation techniques in which one or more significant inputs or significant value drivers are unobservable. Â As of July 31, 2024 and October 31, 2023, the carrying amounts reflected in the accompanying consolidated balance sheets for cash and cash equivalents, accounts receivable, and accounts payable approximated their carrying value due to their short-term nature. New Accounting Pronouncements, Policy [Policy Text Block] Recent accounting standards Â Recently issued accounting pronouncements adopted: Â InÂ June 2016,Â the Financial Accounting Standards Board (â€œFASBâ€) issued Accounting Standard Update (â€œASUâ€)Â 2016-13,Â Financial Instrumentsâ€”Credit Losses, which requires a financial asset (or a group of financial assets) measured at amortized cost basis to be presented at the net amount expected to be collected. The allowance for credit losses is a valuation account that is deducted from the amortized cost basis of the financial asset(s) to present the net carrying value at the amount expected to be collected on the financial asset. The guidance is effective for fiscal years beginning afterÂ December 15, 2019.Â InÂ November 2019,Â the FASB issued ASUÂ 2019-10,Â Financial Instrumentsâ€”Credit Losses (TopicÂ 326), which pushes back the effective date for public business entities that are smaller reporting companies, as defined by the SEC, to fiscal years beginning afterÂ December 15, 2022.Â The guidance was effective for the Company beginning on November 1, 2023 and the adoption of this standard had no material impact on the Companyâ€™s condensed consolidated financial statements or related disclosures. Â Recently issued accounting pronouncements not yet adopted: Â In November 2023, the FASB issued ASU 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures, which expands annual and interim disclosure requirements for reportable segments, primarily through enhanced disclosures about significant segment expenses. ASU 2023-07 is effective for our annual periods beginning November 1, 2024, and for interim periods beginning January 1, 2025, with early adoption permitted. We are currently evaluating the potential effect that the updated standard will have on our financial statement disclosures. Â In December 2023, the FASB issued ASU 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures, to expand the disclosure requirements for income taxes, specifically related to the effective tax rate reconciliation and income taxes paid. ASU 2023-09 is effective for our annual periods beginning November 1, 2025, with early adoption permitted. We are currently evaluating the potential effect that the updated standard will have on our financial statement disclosures. X - ReferencesNo definition available. + Details Name: us-gaap_AccountingPoliciesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy regarding (1) the principles it follows in consolidating or combining the separate financial statements, including the principles followed in determining the inclusion or exclusion of subsidiaries or other entities in the consolidated or combined financial statements and (2) its treatment of interests (for example, common stock, a partnership interest or other means of exerting influence) in other entities, for example consolidation or use of the equity or cost methods of accounting. The accounting policy may also address the accounting treatment for intercompany accounts and transactions, noncontrolling interest, and the income statement treatment in consolidation for issuances of stock by a subsidiary. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483426/235-10-50-4Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-1 + Details Name: us-gaap_ConsolidationPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy for fair value measurements of financial and non-financial assets, liabilities and instruments classified in shareholders' equity. Disclosures include, but are not limited to, how an entity that manages a group of financial assets and liabilities on the basis of its net exposure measures the fair value of those assets and liabilities. + ReferencesNo definition available. + Details Name: us-gaap_FairValueMeasurementPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionDisclosure of accounting policy pertaining to new accounting pronouncements that may impact the entity's financial reporting. Includes, but is not limited to, quantification of the expected or actual impact. + ReferencesNo definition available. + Details Name: us-gaap_NewAccountingPronouncementsPolicyPolicyTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 34 R22.htm IDEA: XBRL DOCUMENT v3.24.3 Note 2 - Concentrations of Credit Risk (Tables) 9 Months Ended Jul. 31, 2024 Notes Tables Â Schedules of Concentration of Risk, by Risk Factor [Table Text Block] Â Â Three Months Ended July 31, Â Â Nine Months Ended July 31, Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Wireless provider A Â Â - Â Â Â - Â Â Â - Â Â Â 13% Â Wireless provider B Â Â 11% Â Â Â - Â Â Â - Â Â Â - Â Distributor A Â Â 13% Â Â Â - Â Â Â - Â Â Â - Â Distributor B Â Â - Â Â Â 12% Â Â Â - Â Â Â - Â X - DefinitionTabular disclosure of the nature of a concentration, a benchmark to which it is compared, and the percentage that the risk is to the benchmark. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-21Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-20Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-18Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-20Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-16Reference 6: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 21 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-21 + Details Name: us-gaap_SchedulesOfConcentrationOfRiskByRiskFactorTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_TableTextBlock Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 35 R23.htm IDEA: XBRL DOCUMENT v3.24.3 Note 3 - Inventories and Major Vendors (Tables) 9 Months Ended Jul. 31, 2024 Notes Tables Â Schedule of Inventory, Current [Table Text Block] Â Â July 31, 2024 Â Â October 31, 2023 Â Â Â Â Â Â Â Â Â Raw materials and supplies Â $ 10,923 Â Â $ 12,957 Â Work in process Â Â 565 Â Â Â Â 439 Â Finished goods Â Â 3,561 Â Â Â Â 5,334 Â Â Â Â Â Â Â Â Â Â Totals Â $ 15,049 Â Â $ 18,730 Â X - DefinitionTabular disclosure of the carrying amount as of the balance sheet date of merchandise, goods, commodities, or supplies held for future sale or to be used in manufacturing, servicing or production process. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(c)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 210 -SubTopic 10 -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483489/210-10-50-1 + Details Name: us-gaap_ScheduleOfInventoryCurrentTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_TableTextBlock Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 36 R24.htm IDEA: XBRL DOCUMENT v3.24.3 Note 4 - Other Current Assets (Tables) 9 Months Ended Jul. 31, 2024 Notes Tables Â Schedule of Other Current Assets [Table Text Block] Â Â July 31, 2024 Â Â October 31, 2023 Â Â Â Â Â Â Â Â Â Prepaid taxes Â $ 614 Â Â $ 642 Â Prepaid expense

Â Â 796 Â Â Â 953 Â Deposits Â Â 333 Â Â Â 374 Â Other Â Â 153 Â Â Â 167 Â Â Â Â Â Â Â Â Â Â Totals Â $ 1,896 Â Â $ 2,136 Â X - DefinitionTabular disclosure of the carrying amounts of other current assets. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfOtherCurrentAssetsTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_TableTextBlock Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 37 R25.htm IDEA: XBRL DOCUMENT v3.24.3 Note 5 - Accrued Expenses and Other Current Liabilities (Tables) 9 Months Ended Jul. 31, 2024 Notes Tables Â Schedule of Accrued Liabilities [Table Text Block] Â Â July 31, 2024 Â Â October 31, 2023 Â Â Â Â Â Â Â Â Â Â Wages payable Â $ 2,279 Â Â $ 2,461 Â Accrued receipts Â Â 1,603 Â Â Â 1,131 Â Other accrued expenses Â Â 1,164 Â Â Â 980 Â Â Â Â Â Â Â Â Â Â Totals Â $ 5,046 Â Â $ 4,572 Â X - DefinitionTabular disclosure of the components of accrued liabilities. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfAccruedLiabilitiesTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_TableTextBlock Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 38 R26.htm IDEA: XBRL DOCUMENT v3.24.3 Note 6 - Income (Loss) Per Share (Tables) 9 Months Ended Jul. 31, 2024 Notes Tables Â Schedule of Earnings Per Share, Basic and Diluted [Table Text Block] Â Â Three Months Ended July 31, Â Â Â Nine Months Ended July 31, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Weighted average shares outstanding for basic earnings per share Â Â 10,495,082 Â Â Â 10,290,265 Â Â Â 10,466,862 Â Â Â 10,267,652 Â Add effects of potentially dilutive securities-assumed exercise of stock options Â Â - Â Â Â - Â Â Â - Â Â Â - Â Weighted average shares outstanding for diluted earnings per share Â Â 10,495,082 Â Â Â 10,290,265 Â Â Â 10,466,862 Â Â Â 10,267,652 Â X - DefinitionTabular disclosure of an entity's basic and diluted earnings per share calculations, including a reconciliation of numerators and denominators of the basic and diluted per-share computations for income from continuing operations. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_ScheduleOfEarningsPerShareBasicAndDilutedTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_TableTextBlock Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 39 R27.htm IDEA: XBRL DOCUMENT v3.24.3 Note 7 - Stock-based Compensation and Equity Transactions (Tables) 9 Months Ended Jul. 31, 2024 Notes Tables Â Schedule of Share-Based Payment Award, Stock Options, Valuation Assumptions [Table Text Block] Â Â Nine Months Ended July 31, Â Â Â 2024 Â Â 2023 Â Risk-free interest rate Â Â 4.00 % Â Â 3.76 % Dividend yield Â Â 0.00 % Â Â 0.00 % Expected life of the option (years) Â 7.00 Â Â 7.01 Â Volatility factor Â Â 51.30 % Â Â 54.30 % Share-Based Payment Arrangement, Option, Activity [Table Text Block] Â Â Â Â Â Â Weighted Â Â Â Â Â Â Â Average Â Â Â Shares Â Â Exercise Price Â Outstanding at November 1, 2023 Â Â 754,186 Â Â $ 6.04 Â Options granted Â Â 245,001 Â Â $ 3.01 Â Options exercised Â Â - Â Â $ - Â Options cancelled Â Â (39,097) Â $ 8.03 Â Options outstanding at July 31, 2024 Â Â 960,090 Â Â $ 5.18 Â Options exercisable at July 31, 2024 Â Â 555,664 Â Â $ 5.69 Â Options vested and expected to vest at July 31, 2024 Â Â 954,623 Â Â $ 5.08 Â X - DefinitionTabular disclosure for stock option plans. Includes, but is not limited to, outstanding awards at beginning and end of year, grants, exercises, forfeitures, and weighted-average grant date fair value. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d) -SubTopic 10 -Topic 718 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e) -SubTopic 10 -Topic 718 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the significant assumptions used during the year to estimate the fair value of stock options, including, but not limited to: (a) expected term of share options and similar instruments, (b) expected volatility of the entity's shares, (c) expected dividends, (d) risk-free rate(s), and (e) discount for post-vesting restrictions. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Subparagraph (f)(2) -Name Accounting Standards Codification -Paragraph 2 -Section 50 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ScheduleOfShareBasedPaymentAwardStockOptionsValuationAssumptionsTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_TableTextBlock Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 40 R28.htm IDEA: XBRL DOCUMENT v3.24.3 Note 8 - Segment Information (Tables) 9 Months Ended Jul. 31, 2024 Notes Tables Â Schedule of Revenue by Major Customers by Reporting Segments [Table Text Block] Â Â Three Months Ended July 31, Â Â Nine Months Ended July 31, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â United States Â $ 15,473 Â Â $ 13,955 Â Â $ 41,948 Â Â $ 50,967 Â Foreign Countries: Â Canada Â Â 765 Â Â Â 703 Â Â Â 2,595 Â Â Â 1,875 Â Italy Â Â 85 Â Â Â 300 Â Â Â 270 Â Â Â 1,692 Â Mexico Â Â - Â Â Â - Â Â Â 3 Â Â Â 3 Â All Other Â Â 513 Â Â Â 694 Â Â Â 1,588 Â Â Â 1,757 Â Â Â Â 1,363 Â Â Â 1,697 Â Â Â 4,456 Â Â Â 5,327 Â Totals Â $ 16,836 Â Â $ 15,652 Â Â $ 46,404 Â Â $ 56,294 Â Schedule of Segment Reporting Information, by Segment [Table Text Block] Â Â RF Connector Â Â Custom Cabling Â Â Â Â Â Â Â Â Â Â Â Â Â Â and Â Â Manufacturing and Â Â Â Â Â Â Â Â Â 2024 Â Cable Assembly Â Â Assembly Â Â Corporate Â Â Total Â Net sales Â $ 9,697 Â Â $ 7,139 Â Â $ - Â Â $ 16,836 Â (Loss) income before benefit for income taxes Â Â (715) Â Â 297 Â Â Â (339) Â Â (757) Depreciation and amortization Â Â 525 Â Â Â 113 Â Â Â - Â Â Â 638 Â Total assets Â Â 49,355 Â Â Â 18,112 Â Â Â 4,393 Â Â Â 71,860 Â 2023 Â Net sales Â $ 10,515 Â Â $ 5,137 Â Â $ - Â Â $ 15,652 Â (Loss) income before benefit for income taxes Â Â (1,392) Â Â (424) Â Â (311) Â Â (2,127) Depreciation and amortization Â Â 507 Â Â Â 124 Â Â Â - Â Â Â 631 Â Total assets Â Â 52,358 Â Â Â 17,345 Â Â Â 8,353 Â Â Â 78,056 Â Â Â RF Connector Â Â Custom Cabling Â Â Â Â Â Â Â Â Â Â and Â Â Manufacturing and Â Â Â Â Â Â Â Â 2024 Â Cable Assembly Â Â Assembly Â Â Corporate Â Â Total Â Net sales Â $ 28,406 Â Â $ 17,998 Â Â $ - Â Â $ 46,404 Â (Loss) income before benefit from income taxes Â Â (3,104) Â Â 386 Â Â Â (877) Â Â (3,595) Depreciation and amortization Â Â 1,610 Â Â Â 294 Â Â Â - Â Â Â 1,904 Â Total assets Â Â 49,355 Â Â Â 18,112 Â Â Â 4,393 Â Â Â 71,860 Â 2023 Â Net sales Â $ 34,861 Â Â $ 21,433 Â Â $ - Â Â $ 56,294 Â (Loss) income before benefit for income taxes Â Â (1,027) Â Â (958) Â Â (1,047) Â Â (3,032) Depreciation and amortization Â Â 1,418 Â Â Â 377 Â Â Â - Â Â Â 1,795 Â Total assets Â Â 52,358 Â Â Â 17,345 Â Â Â 8,353 Â Â Â 78,056 Â X - DefinitionTabular disclosure of the extent of the entity's reliance on its major customers, if revenues from transactions with a single external customer amount to 10 percent or more of entity revenues, including the disclosure of that fact, the total amount of revenues from each such customer, and the identity of the reportable segment or segments reporting the revenues. The entity need not disclose the identity of a major customer or the amount of revenues that each segment reports from that customer. For these purposes, a group of companies known to the entity to be under common control is considered a single customer, and the federal government, a state government, a local government such as a county or municipality, or a foreign government is each considered a single customer. + ReferencesNo definition available. + Details Name: us-gaap_ScheduleOfRevenueByMajorCustomersByReportingSegmentsTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the profit or loss and total assets for each reportable segment. An entity discloses certain information on each reportable segment if the amounts (a) are included in the measure of segment profit or loss reviewed by the chief operating decision maker or (b) are otherwise regularly provided to the chief operating decision maker, even if not included in that measure of segment profit or loss. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 25 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-25Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 280 -SubTopic 10 -Section 50 -Paragraph 30 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30 + Details Name: us-gaap_ScheduleOfSegmentReportingInformationBySegmentTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_TableTextBlock Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 41 R29.htm IDEA: XBRL DOCUMENT v3.24.3 Note 10 - Intangible Assets (Tables) 9 Months Ended Jul. 31, 2024 Notes Tables Â Schedule of Finite-lived and Indefinite-lived Intangible Assets [Table Text Block] Â Â July 31, 2024 Â Â October 31, 2023 Â Amortizable intangible assets: Â Â Â Â Â Â Â Â Non-compete agreement (estimated life 5 years) Â $ 423 Â Â $ 423 Â Accumulated amortization Â Â (411) Â Â (378) Â Â Â 12 Â Â Â 45 Â Â Â Â Â Â Â Â Â Â Customer relationships (estimated lives 7 - 15 years) Â Â 6,058 Â Â Â 6,058 Â Accumulated amortization Â Â (3,751) Â Â (3,461) Â Â Â 2,307 Â Â Â 2,597 Â Â Â Â Â Â Â Â Â Â Backlog (estimated life 1 - 2 years) Â Â 327 Â Â Â 327 Â Accumulated amortization Â Â (327) Â Â (327) Â Â Â - Â Â Â - Â Â Â Â Â Â Â Â Â Â Patents (estimated life 10 - 14 years) Â Â 368 Â Â Â 368 Â Accumulated amortization Â Â (200) Â Â (176) Â Â Â 168 Â Â Â 192 Â Â Â Â Â Â Â Â Â Â Tradename (estimated life 15 years) Â Â 1,700 Â Â Â 1,700 Â Accumulated amortization Â Â (275) Â Â (189) Â Â Â 1,425 Â Â Â 1,511 Â Â Â Â Â Â Â Â Â Â Proprietary Technology (estimated life 10 years) Â Â 11,100 Â Â Â 11,100 Â Accumulated amortization Â Â (2,683) Â Â (1,850) Â Â Â 8,417 Â Â Â 9,250 Â Â Â Â Â Â Â Â Â Â Totals Â $ 12,329 Â Â $ 13,595 Â Â Â Â Â Â Â Â Â Â Non-amortizable intangible assets: Â Â Â Â Â Â Â Trademarks Â $ 1,174 Â Â $ 1,174 Â X - DefinitionThe tabular disclosure for finite-lived and indefinite-lived intangible assets. + ReferencesNo definition available. + Details Name: rfil_ScheduleOfFinitelivedAndIndefinitelivedIntangibleAssetsTableTextBlock Namespace Prefix: rfil_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_TableTextBlock Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 42 R30.htm IDEA: XBRL DOCUMENT v3.24.3 Note 11 - Commitments (Tables) 9 Months Ended Jul. 31, 2024 Notes Tables Â Lease, Cost [Table Text Block] Â Â Three Months Ended July 31, Â Â Nine Months Ended July 31, Â Â Â 2024 Â Â 2023 Â Â 2024 Â Â 2023 Â Operating lease cost Â $ 749 Â Â $ 663 Â Â $ 2,217 Â Â $ 2,129 Â Lessee, Leases, Other Information [Table Text Block] Â Â July 31, 2024 Â Â October 31, 2023 Â Supplemental Cash Flows Information Â Â Â Â Â Â Â Right-of-use assets obtained in exchange for lease obligations: Â Â Â Â Â Â Â Â Â Operating leases Â $ 742 Â Â $ 6,479 Â Â Â Â Â Â Â Â Â Â Weighted Average Remaining Lease Term Â Â Â Â Â Â Â Â Operating leases (in months) Â Â 104.61 Â Â Â 114.26 Â Â Â Â Â Â Â Â Â Â Weighted Average Discount Rate Â Â Â Â Â Â Â Operating leases Â Â 6.99 % Â Â 6.96 % Lessee, Operating Lease, Liability, to be Paid, Maturity [Table Text Block] Year ending October 31, Â Operating Leases Â Â Â Â Â Â 2024 (excluding nine months ended July 31, 2024) Â $ 795 Â 2025 Â Â 3,105 Â 2026 Â Â 3,102 Â 2027 Â Â 3,063 Â 2028 Â Â 2,997 Â Thereafter Â Â 14,878 Â Total future minimum lease payments Â Â 27,940 Â Less imputed interest Â Â (7,296) Total Â $ 20,644 Â Reported as of July 31, 2024 Â Operating Leases Â Current portion of operating lease liabilities Â $ 1,481 Â Operating lease liabilities Â Â 19,163 Â Total Â $ 20,644 Â X - DefinitionThe tabular disclosure for other information related to leases of the lessee. + ReferencesNo definition available. + Details Name: rfil_LesseeLeasesOtherInformationTableTextBlock Namespace Prefix: rfil_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of lessee's lease cost. Includes, but is not limited to, interest expense for finance lease, amortization of right-of-use asset for finance lease, operating lease cost, short-term lease cost, variable lease cost and sublease income. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_LeaseCostTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of undiscounted cash flows of lessee's operating lease liability. Includes, but is not limited to, reconciliation of undiscounted cash flows to operating lease liability recognized in statement of financial position. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityMaturityTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_TableTextBlock Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 43 R31.htm IDEA: XBRL DOCUMENT v3.24.3 Note 2 - Concentrations of Credit Risk (Details Textual) $ in Millions 3 Months Ended 9 Months Ended Jul. 31, 2024 USD ($) Jul. 31, 2023 Jul. 31, 2024 USD ($) Jul. 31, 2023 Cash, Uninsured Amount $ 1.4 Â $ 1.4 Â Wireless Carrier [Member] Â Â Â Â Number of Customers 1 Â Â Â Wireless Carrier [Member] | Customer Concentration Risk [Member] | Revenue from Contract with Customer Benchmark [Member] Â Â Â Â Concentration Risk, Percentage 18.00% 12.00% 18.00% Â Wireless Carrier [Member] | Customer Concentration Risk [Member] | Accounts Receivable [Member] Â Â Â Â Concentration Risk, Percentage Â 12.00% Â Â One Distributor [Member] Â Â Â Â Number of Customers 1 Â Â Â One Distributor [Member] | Customer Concentration Risk [Member] | Revenue from Contract with Customer Benchmark [Member] Â Â Â Â Concentration Risk, Percentage Â Â Â 13.00% One Distributor [Member] | Customer Concentration Risk [Member] | Accounts Receivable [Member] Â Â Â Â Concentration Risk, Percentage 10.00% Â 10.00% Â Two Distributors [Member] Â Â Â Â Number of Customers Â Â 0 Â Two Distributors [Member] | Customer Concentration Risk [Member] | Revenue from Contract with Customer Benchmark [Member] Â Â Â Â Concentration Risk, Percentage Â Â 10.00% Â Distributor One [Member] | Customer Concentration Risk [Member] | Accounts Receivable [Member] Â Â Â Â Concentration Risk, Percentage Â Â Â 10.00% X - DefinitionRepresents the number of customers. + ReferencesNo definition available. + Details Name: rfil_NumberOfCustomers Namespace Prefix: rfil_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - DefinitionThe amount of cash as of the balance sheet date that is not insured by the Federal Deposit Insurance Corporation. + ReferencesNo definition available. + Details Name: us-gaap_CashUninsuredAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionFor an entity that discloses a concentration risk in relation to quantitative amount, which serves as the "benchmark" (or denominator) in the equation, this concept represents the concentration percentage derived from the division. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 21 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-21Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-20Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-18Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-20 + Details Name: us-gaap_ConcentrationRiskPercentage1 Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - Details Name: srt_MajorCustomersAxis=rfil_WirelessCarrierMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByTypeAxis=us-gaap_CustomerConcentrationRiskMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByBenchmarkAxis=us-gaap_RevenueFromContractWithCustomerMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByBenchmarkAxis=us-gaap_AccountsReceivableMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=rfil_OneDistributorMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=rfil_TwoDistributorsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=rfil_DistributorOneMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 44 R32.htm IDEA: XBRL DOCUMENT v3.24.3 Note 2 - Concentrations of Credit Risk - Sales (Details) - Revenue Benchmark [Member] - Customer Concentration Risk [Member] 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Wireless Provider A [Member] Â Â Â Â Wireless provider 0.00% 0.00% 0.00% 13.00% Wireless Provider B

[Member] Â Â Â Â Wireless provider 11.00% 0.00% 0.00% 0.00% Distributor A [Member] Â Â Â Â Wireless provider 13.00% 0.00% 0.00% 0.00% Distributor B [Member] Â Â Â Â Wireless provider 0.00% 12.00% 0.00% 0.00% X - DefinitionFor an entity that discloses a concentration risk in relation to quantitative amount, which serves as the "benchmark" (or denominator) in the equation, this concept represents the concentration percentage derived from the division. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 21 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-21Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-20Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-18Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-20 + Details Name: us-gaap_ConcentrationRiskPercentage1 Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_ConcentrationRiskByBenchmarkAxis=us-gaap_SalesRevenueNetMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByTypeAxis=us-gaap_CustomerConcentrationRiskMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=rfil_WirelessProviderAMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=rfil_WirelessProviderBMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=rfil_DistributorOneAMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_MajorCustomersAxis=rfil_DistributorBMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 45 R33.htm IDEA: XBRL DOCUMENT v3.24.3 Note 3 - Inventories and Major Vendors (Details Textual) - Inventory Purchases [Member] - Supplier Concentration Risk [Member] 3 Months Ended 9 Months Ended Jul. 31, 2023 Jul. 31, 2023 Number of Major Vendors Â 1 Two Vendors [Member] Â Â Number of Major Vendors 2 Â Vendor One [Member] Â Â Concentration Risk, Percentage 10.00% Â Vendor Two [Member] Â Â Concentration Risk, Percentage 10.00% Â Vendors Two [Member] Â Â Concentration Risk, Percentage Â 17.00% X - DefinitionRepresents the number of major vendors accounting for 10% or more of the specified concentration risk benchmark. + ReferencesNo definition available. + Details Name: rfil_NumberOfMajorVendors Namespace Prefix: rfil_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration X - DefinitionFor an entity that discloses a concentration risk in relation to quantitative amount, which serves as the "benchmark" (or denominator) in the equation, this concept represents the concentration percentage derived from the division. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 21 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-21Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-20Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-18Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 275 -SubTopic 10 -Section 50 -Paragraph 20 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482861/275-10-50-20 + Details Name: us-gaap_ConcentrationRiskPercentage1 Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_ConcentrationRiskByBenchmarkAxis=rfil_InventoryPurchasesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ConcentrationRiskByTypeAxis=us-gaap_SupplierConcentrationRiskMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShareBasedGoodsAndNonemployeeServicesTransactionBySupplierAxis=rfil_TwoVendorsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShareBasedGoodsAndNonemployeeServicesTransactionBySupplierAxis=rfil_VendorOneMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShareBasedGoodsAndNonemployeeServicesTransactionBySupplierAxis=rfil_VendorTwoMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_ShareBasedGoodsAndNonemployeeServicesTransactionBySupplierAxis=rfil_VendorsTwoMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 46 R34.htm IDEA: XBRL DOCUMENT v3.24.3 Note 3 - Inventories and Major Vendors - Inventories (Details) - USD ($) $ in Thousands Jul. 31, 2024 Oct. 31, 2023 Raw materials and supplies $ 10,923 $ 12,957 Work in process 565 439 Finished goods 3,561 5,334 Totals $ 15,049 $ 18,730 X - DefinitionCarrying amount, net of valuation reserves and adjustments, as of the balance sheet date of merchandise or goods held by the company that are readily available for sale. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryFinishedGoodsNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAggregated amount of unprocessed materials to be used in manufacturing or production process and supplies that will be consumed. This amount is net of valuation reserves and adjustments. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryRawMaterialsAndSuppliesNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying amount, net of reserves and adjustments, as of the balance sheet date of merchandise or goods which are partially completed. This inventory is generally comprised of raw materials, labor and factory overhead costs, which require further materials, labor and overhead to be converted into finished goods, and which generally require the use of estimates to determine percentage complete and pricing. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 330 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SAB Topic 5.BB) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480581/330-10-S99-2Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(6)(a)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_InventoryWorkInProcessNetOfReserves Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 47 R35.htm IDEA: XBRL DOCUMENT v3.24.3 Note 4 - Other Current Assets - Other Current Assets (Details) - USD ($) $ in Thousands Jul. 31, 2024 Oct. 31, 2023 Prepaid taxes $ 614 $ 642 Prepaid expense 796 953 Deposits 333 374 Other 153 167 Totals $ 1,896 $ 2,136 X - DefinitionAmount of other miscellaneous assets(liabilities) expected to be realized or consumed within one year or operating cycle, if longer. + ReferencesNo definition available. + Details Name: rfil_OtherAssetsLiabilitiesMiscellaneousCurrent Namespace Prefix: rfil_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionCarrying value of amounts transferred to third parties for security purposes that are expected to be returned or applied towards payment within one year or during the operating cycle, if shorter. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_DepositsAssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of current assets classified as other. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherAssetsCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of asset related to consideration paid in advance for costs that provide economic benefits within a future period of one year or the normal operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(7)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 340 -SubTopic 10 -Name Accounting Standards Codification -Section 05 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482955/340-10-05-5Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 340 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483032/340-10-45-1 + Details Name: us-gaap_PrepaidExpenseCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of asset related to consideration paid in advance for income and other taxes that provide economic benefits within a future period of one year or the normal operating cycle, if longer. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (g)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-1Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 340 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483032/340-10-45-1Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 340 -SubTopic 10 -Name Accounting Standards Codification -Section 05 -Paragraph 5 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482955/340-10-05-5 + Details Name: us-gaap_PrepaidTaxes Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant XML 48 R36.htm IDEA: XBRL DOCUMENT v3.24.3 Note 5 - Accrued Expenses and Other Current Liabilities - Accrued Expenses (Details) - USD ($) $ in Thousands Jul. 31, 2024 Oct. 31, 2023 Wages payable $ 2,279 $ 2,461 Accrued receipts 1,603 1,131 Other accrued expenses 1,164 980 Totals $ 5,046 $ 4,572 X - DefinitionCarrying value as of the balance sheet date of obligations incurred and payable for receipts (due within one year or within the normal operating cycle if longer). + ReferencesNo definition available. + Details Name: rfil_AccruedReceiptsCurrent Namespace Prefix: rfil_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of obligations incurred and payable, pertaining to costs that are statutory in nature, are incurred on contractual obligations, or accumulate over time and for which invoices have not yet been received or will not be rendered. Examples include taxes, interest, rent and utilities. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_AccruedLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value as of the balance sheet date of the obligations incurred through that date and payable for employees' services provided. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer). + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 8 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483467/210-10-45-8 + Details Name: us-gaap_AccruedSalariesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of expenses incurred but not yet paid classified as other, due within one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(20)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_OtherAccruedLiabilitiesCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 49 R37.htm IDEA: XBRL DOCUMENT v3.24.3 Note 6 - Income (Loss) Per Share (Details Textual) - shares 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount (in shares) 846,889 814,154 846,889 750,967 X - DefinitionSecurities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) or earnings per unit (EPU) in the future that were not included in the computation of diluted EPS or EPU because to do so would increase EPS or EPU amounts or decrease loss per share or unit amounts for the period presented. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1 + Details Name: us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration XML 50 R38.htm IDEA: XBRL DOCUMENT v3.24.3 Note 6 - Income (Loss) Per Share - Basic and Diluted Earnings Per Share (Details) - shares 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Basic (in shares) 10,495,082 10,290,265 10,466,862 10,267,652 Add effects of potentially dilutive securities-assumed exercise of stock options (in shares) 0 0 0 0 Diluted (in shares) 10,495,082 10,290,265 10,466,862 10,267,652 X - DefinitionAdditional shares included in the calculation of diluted EPS as a result of the potentially dilutive effect of share based payment arrangements using the treasury stock method. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480454/718-10-45-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-22Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 23 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-23Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 28A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-28A + Details Name: us-gaap_IncrementalCommonSharesAttributableToShareBasedPaymentArrangements Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe average number of shares or units issued and outstanding that are used in calculating diluted EPS or earnings per unit (EPU), determined based on the timing of issuance of shares or units in the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-16 + Details Name: us-gaap_WeightedAverageNumberOfDilutedSharesOutstanding Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of [basic] shares or units, after adjustment for contingently issuable shares or units and other shares or units not deemed outstanding, determined by relating the portion of time within a reporting

period that common shares or units have been outstanding to the total time in that period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482662/260-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 260 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482689/260-10-45-10 + Details Name: us-gaap_WeightedAverageNumberOfSharesOutstandingBasic Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration XML 51 R39.htm IDEA: XBRL DOCUMENT v3.24.3 Note 7 - Stock-based Compensation and Equity Transactions (Details Textual) - USD ($) 3 Months Ended 9 Months Ended Apr. 30, 2024 Apr. 16, 2024 Jan. 11, 2024 Nov. 01, 2023 Oct. 31, 2023 Aug. 29, 2023 Jan. 11, 2023 Jan. 11, 2021 Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Weighted Average Remaining Contractual Term 6 years 9 months 10 days Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Weighted Average Remaining Contractual Term 5 years 5 months 26 days Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Exercisable, Weighted Average Remaining Contractual Term 6 years 9 months 10 days Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Outstanding, Intrinsic Value Â Â Â Â Â Â Â Â Â $ 448,028 Â $ 448,028 Â Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Exercisable, Intrinsic Value Â Â Â Â Â Â Â Â Â 119,910 Â 119,910 Â Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested and Expected to Vest, Outstanding, Aggregate Intrinsic Value Â Â Â Â Â Â Â Â Â 431,622 Â 431,622 Â Selling, General and Administrative Expenses [Member] Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Payment Arrangement, Expense Â Â Â Â Â Â Â Â 241,000 $ 246,000 744,000 $ 687,000 Restricted Stock [Member] Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Amount Â Â Â Â Â Â Â Â $ 703,899 Â $ 703,899 Â Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Period for Recognition 2 years 7 months 6 days Â Â Â Â Â Â Â Â Â Â Â Â Incentive Stock Options [Member] Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Gross Â Â Â Â Â Â Â Â Â 0 Â 0 Â Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Weighted Average Grant Date Fair Value Â Â Â Â Â Â Â Â Â $ 1.76 $ 3.21 Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Amount Â Â Â Â Â Â Â Â Â $ 913,175 Â $ 913,175 Â Share-Based Payment Arrangement, Nonvested Award, Cost Not yet Recognized, Period for Recognition 3 years Â Â Â Â Â Â Â Â Â Â Â Â Incentive Stock Options [Member] | Share-Based Payment Arrangement, Employee [Member] Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Gross Â Â Â Â Â Â 10,000 Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Expiration Period Â Â Â Â Â Â 10 years Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Vested, Number of Shares (in shares) Â Â Â Â Â Â 2,500 Â Â Â Â Â Â Â Â One Manager and Three Officers [Member] | Restricted Stock [Member] Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period Â Â 110,099 Â Â Â 54,092 Â Â Â Â Â One Manager and Three Officers [Member] | Incentive Stock Options [Member] Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Gross Â Â Â Â Â Â Â 108,181 Â Â Â Â Â One Manager and Three Officers [Member] | Restricted Stock and Incentive Stock Options [Member] Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Period Â Â 4 years Â Â Â 4 years Â Â Â Â Â One Manager and Three Officers [Member] | Restricted Stock and Incentive Stock Options [Member] | Vesting on January 10, 2024 [Member] Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Rights, Percentage Â Â Â Â Â Â 25.00% Â Â Â Â Â Â One Manager and Three Officers [Member] | Restricted Stock and Incentive Stock Options [Member] | Vesting On January 11, 2025 [Member] Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Rights, Percentage Â Â 25.00% Â Â Â Â Â Â Â Another Manager [Member] | Incentive Stock Options [Member] Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Gross Â Â Â Â Â Â 50,000 Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Forfeitures in Period (in shares) Â Â Â Â 50,000 Â Â Â Â Â Â Another Manager [Member] | Restricted Stock and Incentive Stock Options [Member] Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Expiration Period Â Â Â Â Â Â 10 years Â Â Â One Officer [Member] | Restricted Stock [Member] Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Equity Instruments Other than Options, Grants in Period Â Â 15,202 Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Period Â Â 1 year Â Â Â Â Â Â Â One Officer [Member] | Restricted Stock [Member] | Vesting On January 31, 2024 [Member] Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Rights, Percentage Â Â 25.00% Â Â Â Â Â Â Â Three Officers [Member] | Incentive Stock Options [Member] Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Options, Grants in Period, Gross Â 25,000 220,001 Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Period Â 4 years Â Â Â Â Â Â Â Â Â Â Â Â Three Officers [Member] | Incentive Stock Options [Member] | Vesting on April 16, 2028 [Member] Â Â Â Â Â Â Â Â Â Â Â Â Share-Based Compensation Arrangement by Share-Based Payment Award, Award Vesting Rights, Percentage Â 25.00% Â Â Â Â Â Â Â Â Â X - DefinitionAmount of expense for award under share-based payment arrangement. Excludes amount capitalized. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 14.F) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479830/718-10-S99-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (h)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_AllocatedShareBasedCompensationExpense Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of cost not yet recognized for nonvested award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognized Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionWeighted-average period over which cost not yet recognized is expected to be recognized for award under share-based payment arrangement, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_EmployeeServiceShareBasedCompensationNonvestedAwardsTotalCompensationCostNotYetRecognizedPeriodForRecognition1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionPeriod over which grantee's right to exercise award under share-based payment arrangement is no longer contingent on satisfaction of service or performance condition, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Includes, but is not limited to, combination of market, performance or service condition. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardAwardVestingPeriod1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionThe number of grants made during the period on other than stock (or unit) option plans (for example, phantom stock or unit plan, stock or unit appreciation rights plan, performance target plan). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(2)(iii)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardEquityInstrumentsOtherThanOptionsGrantsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe number of shares under options that were cancelled during the reporting period as a result of occurrence of a terminating event specified in contractual agreements pertaining to the stock option plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsForfeituresInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionGross number of share options (or share units) granted during the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodGross Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionThe weighted average grant-date fair value of options granted during the reporting period as calculated by applying the disclosed option pricing methodology. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriodWeightedAverageGrantDateFairValue Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionAmount by which the current fair value of the underlying stock exceeds the exercise price of options outstanding. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingIntrinsicValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount by which current fair value of underlying stock exceeds exercise price of fully vested and expected to vest options outstanding. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingAggregateIntrinsicValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionPercentage of vesting of award under share-based payment arrangement. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardAwardVestingRightsPercentage Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionPeriod from grant date that an equity-based award expires, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardExpirationPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionAmount of difference between fair value of the underlying shares reserved for issuance and exercise price of vested portions of options outstanding and currently exercisable. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsExercisableIntrinsicValue1 Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionWeighted average remaining contractual term for vested portions of options outstanding and currently exercisable or convertible, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 718 -SubTopic 10 -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsExercisableWeightedAverageRemainingContractualTerm1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionWeighted average remaining contractual term for option awards outstanding, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 718 -SubTopic 10 -Subparagraph (e)(1) -Name Accounting Standards Codification -Paragraph 2 -Section 50 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsOutstandingWeightedAverageRemainingContractualTerm2 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionWeighted average remaining contractual term for fully vested and expected to vest exercisable or convertible options, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsVestedAndExpectedToVestExercisableWeightedAverageRemainingContractualTerm1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionNumber of options vested. + ReferencesNo definition available. + Details Name: us-gaap_SharebasedCompensationArrangementBySharebasedPaymentAwardOptionsVestedNumberOfShares Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_IncomeStatementLocationAxis=us-gaap_SellingGeneralAndAdministrativeExpensesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=us-gaap_RestrictedStockMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=rfil_IncentiveStockOptionsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_GranteeStatusAxis=us-gaap_ShareBasedPaymentArrangementEmployeeMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_TitleOfIndividualAxis=rfil_OneManagerAndThreeOfficersMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AwardTypeAxis=rfil_RestrictedStockAndIncentiveStockOptionsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_VestingAxis=rfil_VestingOnJanuary102024Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_VestingAxis=rfil_VestingOnJanuary112025Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_TitleOfIndividualAxis=rfil_AnotherManagerMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_TitleOfIndividualAxis=rfil_OneOfficerMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_VestingAxis=rfil_VestingOnJanuary312024Member Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_TitleOfIndividualAxis=rfil_ThreeOfficersMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_VestingAxis=rfil_VestingOnApril162028Member Namespace Prefix: Data Type: na Balance Type: Period Type: XML 52 R40.htm IDEA: XBRL DOCUMENT v3.24.3 Note 7 - Stock-based Compensation and Equity Transactions - Assumptions (Details) 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Risk-free interest rate 4.00% 3.76% Dividend yield 0.00% 0.00% Expected life of the option (years) (Year) 7 years 7 years 3 days Volatility

factor 51.30% 54.30% X - DefinitionThe estimated dividend rate (a percentage of the share price) to be paid (expected dividends) to holders of the underlying shares over the option's term. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExpectedDividendRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThe estimated measure of the percentage by which a share price is expected to fluctuate during a period. Volatility also may be defined as a probability-weighted measure of the dispersion of returns about the mean. The volatility of a share price is the standard deviation of the continuously compounded rates of return on the share over a specified period. That is the same as the standard deviation of the differences in the natural logarithms of the stock prices plus dividends, if any, over the period. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExpectedVolatilityRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThe risk-free interest rate assumption that is used in valuing an option on its own shares. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsRiskFreeInterestRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionExpected term of award under share-based payment arrangement, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (f)(2)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardFairValueAssumptionsExpectedTerm1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration XML 53 R41.htm IDEA: XBRL DOCUMENT v3.24.3 Note 7 - Stock-based Compensation and Equity Transactions - Options Outstanding (Details) - $ / shares 9 Months Ended Jul. 31, 2024 Nov. 01, 2023 Outstanding, shares (in shares) 754,186 Â Outstanding, weighted average exercise price (in dollars per share) $ 5.18 $ 6.04 Options granted, shares (in shares) 245,001 Â Options granted, weighted average exercise price (in dollars per share) $ 3.01 Â Exercise of stock options (in shares) 0 Â Options cancelled, shares (in shares) 39,097 Â Options cancelled (in dollars per share) $ 8.03 Â Options outstanding, shares (in shares) 960,090 Â Options exercisable, shares (in shares) 555,664 Â Options exercisable, weighted average exercise price (in dollars per share) $ 5.69 Â Options vested and expected to vest, shares (in shares) 954,623 Â Options vested and expected to vest, weighted average exercise price (in dollars per share) $ 5.08 Â X - DefinitionThe number of shares into which fully or partially vested stock options outstanding as of the balance sheet date can be currently converted under the option plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExercisableNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionThe weighted-average price as of the balance sheet date at which grantees can acquire the shares reserved for issuance on vested portions of options outstanding and currently exercisable under the stock option plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsExercisableWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionFor presentations that combine terminations, the number of shares under options that were cancelled during the reporting period as a result of occurrence of a terminating event specified in contractual agreements pertaining to the stock option plan or that expired. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsForfeituresAndExpirationsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionWeighted average price of options that were either forfeited or expired. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsForfeituresAndExpirationsInPeriodWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionNet number of share options (or share units) granted during the period. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsGrantsInPeriod Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration X - DefinitionNumber of options outstanding, including both vested and non-vested options. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionWeighted average price at which grantees can acquire the shares reserved for issuance under the stock option plan. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsOutstandingWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionNumber of fully vested and expected to vest options outstanding that can be converted into shares under option plan. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingNumber Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionWeighted-average exercise price, at which grantee can acquire shares reserved for issuance, for fully vested and expected to vest options outstanding. Includes, but is not limited to, unvested options for which requisite service period has not been rendered but that are expected to vest based on achievement of performance condition, if forfeitures are recognized when they occur. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementByShareBasedPaymentAwardOptionsVestedAndExpectedToVestOutstandingWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - DefinitionWeighted average per share amount at which grantees can acquire shares of common stock by exercise of options. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(01) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2 + Details Name: us-gaap_ShareBasedCompensationArrangementsByShareBasedPaymentAwardOptionsGrantsInPeriodWeightedAverageExercisePrice Namespace Prefix: us-gaap_ Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - DefinitionNumber of share options (or share units) exercised during the current period. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 50 -Paragraph 2 -SubTopic 10 -Topic 505 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481112/505-10-50-2Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(28)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(29)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 718 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c)(1)(iv)(02) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480429/718-10-50-2Reference 5: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 505 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.3-04) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480008/505-10-S99-1 + Details Name: us-gaap_StockIssuedDuringPeriodSharesStockOptionsExercised Namespace Prefix: us-gaap_ Data Type: xbrli:sharesItemType Balance Type: na Period Type: duration XML 54 R42.htm IDEA: XBRL DOCUMENT v3.24.3 Note 8 - Segment Information (Details Textual) 3 Months Ended Jul. 31, 2024 Number of Reportable Segments 2 X - DefinitionNumber of segments reported by the entity. A reportable segment is a component of an entity for which there is an accounting requirement to report separate financial information on that component in the entity's financial statements. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 47 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-47Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 54 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-54Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 18 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-18 + Details Name: us-gaap_NumberOfReportableSegments Namespace Prefix: us-gaap_ Data Type: xbrli:integerItemType Balance Type: na Period Type: duration XML 55 R43.htm IDEA: XBRL DOCUMENT v3.24.3 Note 8 - Segment Information - Sales by Geographic Area (Details) - USD ($) $ in Thousands 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Net sales $ 16,836 $ 15,652 $ 46,404 $ 56,294 UNITED STATES Â Â Â Â Net sales 15,473 13,955 41,948 50,967 CANADA Â Â Â Â Net sales 765 703 2,595 1,875 ITALY Â Â Â Â Net sales 85 300 270 1,692 MEXICO Â Â Â Â Net sales 0 0 3 3 All Other Foreign Countries [Member] Â Â Â Â Net sales 513 694 1,588 1,757 Non-US [Member] Â Â Â Â Net sales $ 1,363 $ 1,697 $ 4,456 $ 5,327 X - DefinitionAmount, including tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value-added and excise. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4 + Details Name: us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: srt_StatementGeographicalAxis=country_US Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=country_CA Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=country_IT Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=country_MX Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=rfil_AllOtherForeignCountriesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementGeographicalAxis=us-gaap_NonUsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 56 R44.htm IDEA: XBRL DOCUMENT v3.24.3 Note 8 - Segment Information - Net Sales, Income Before Provision for Income Taxes and Other Related Segment Information (Details) - USD ($) $ in Thousands 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Oct. 31, 2023 Apr. 30, 2023 Net sales $ 16,836 $ 15,652 $ 46,404 $ 56,294 Â Â Income (loss) before benefit for income taxes (757) (2,127) (3,595) (3,032) Â Â Depreciation and amortization 638 631 1,904 1,795 Â Â Total assets 71,860 78,056 71,860 78,056 $ 82,278 $ 78,056 Operating Segments [Member] | RF Connector and Cable Assembly [Member] Â Â Â Â Â Â Net sales 9,697 10,515 28,406 34,861 Â Â Income (loss) before benefit for income taxes (715) (1,392) (3,104) (1,027) Â Â Depreciation and amortization 525 507 1,610 1,418 Â Â Total assets 49,355 52,358 49,355 52,358 Â 52,358 Operating Segments [Member] | Custom Cabling Manufacturing and Assembly [Member] Â Â Â Â Â Â Net sales 7,139 5,137 17,998 21,433 Â Â Income (loss) before benefit for income taxes 297 (424) 386 (958) Â Â Depreciation and amortization 113 124 294 377 Â Â Total assets 18,112 17,345 18,112 17,345 Â 17,345 Segment Reporting, Reconciling Item, Corporate Nonsegment [Member] Â Â Â Â Â Â Net sales 0 0 0 0 Â Â Income (loss) before benefit for income taxes (339) (311) (877) (1,047) Â Â Depreciation and amortization 0 0 0 0 Â Â Total assets $ 4,393 $ 8,353 $ 4,393 $ 8,353 Â $ 8,353 X - DefinitionAmount of asset recognized for present right to economic benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -

Paragraph 49 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-49Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (bb) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481203/810-10-50-3Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-25Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 825 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 28 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482907/825-10-50-28Reference 12: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 13: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-12Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.6-04(8)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479170/946-210-S99-1Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(18)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 18: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 19: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-01(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1AReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(i)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iii)(B)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(4)(iv)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1B -Subparagraph (SX 210.13-02(a)(5)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480097/470-10-S99-1BReference 28: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481404/852-10-50-7Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 30: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_Assets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe current period expense charged against earnings on long-lived, physical assets not used in production, and which are not intended for resale, to allocate or recognize the cost of such assets over their useful lives; or to record the reduction in book value of an intangible asset over the benefit period of such asset; or to reflect consumption during the period of an asset that is not used in production. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 360 -SubTopic 10 -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482099/360-10-50-1 + Details Name: us-gaap_DepreciationAndAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of income (loss) from continuing operations, including income (loss) from equity method investments, before deduction of income tax expense (benefit), and income (loss) attributable to noncontrolling interest. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 48 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482785/280-10-55-48Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (f) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 7: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(11)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 9: http://www.xbrl.org/2003/role/exampleRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 31 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-31Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 942 -SubTopic 235 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-05(b)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477314/942-235-S99-1Reference 11: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2Reference 12: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(15)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, including tax collected from customer, of revenue from satisfaction of performance obligation by transferring promised good or service to customer. Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value-added and excise. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 41 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-41Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 4: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 5: http://fasb.org/us-gaap/role/ref/otherTransitionRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 924 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 11.L) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479941/924-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-5Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 30 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-30Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 42 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-42Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-40Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 606 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479806/606-10-50-4 + Details Name: us-gaap_RevenueFromContractWithCustomerIncludingAssessedTax Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - Details Name: srt_ConsolidationItemsAxis=us-gaap_OperatingSegmentsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=rfil_RfConnectorAndCableAssemblyMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementBusinessSegmentsAxis=rfil_CustomCablingManufacturingAndAssemblyMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ConsolidationItemsAxis=us-gaap_CorporateNonSegmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 57 R45.htm IDEA: XBRL DOCUMENT v3.24.3 Note 9 - Income Taxes (Details Textual) - USD ($) 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Oct. 31, 2023 Income Tax Expense (Benefit) $ (52,000) $ (482,000) $ 2,766,000 $ (806,000) Â Effective Income Tax Rate Reconciliation, Percent 6.90% 22.70% 76.90% 26.60% Â Deferred Tax Assets, Valuation Allowance $ 3,573,000 Â $ 3,573,000 Â $ 124,000 Unrecognized Tax Benefits 226,000 Â 226,000 Â $ 178,000 Unrecognized Tax Benefits that Would Impact Effective Tax Rate $ 203,000 Â $ 203,000 Â Â X - DefinitionAmount of deferred tax assets for which it is more likely than not that a tax benefit will not be realized. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-2 + Details Name: us-gaap_DeferredTaxAssetsValuationAllowance Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPercentage of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231 + Details Name: us-gaap_EffectiveIncomeTaxRateContinuingOperations Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 270 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482964/270-10-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-32Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 231 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-231Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-9Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 6.I.7) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479360/740-10-S99-1Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-8Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-10Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (h) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-22Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(9)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Subparagraph (a) -SubTopic 20 -Topic 740 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482659/740-20-45-2Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(h)) -SubTopic 10 -Topic 235 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_IncomeTaxExpenseBenefit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of unrecognized tax benefits. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting

Standards Codification -Section 55 -Paragraph 217 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-217Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15A -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-15AReference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 10B -Publisher FASB -URI https://asc.fasb.org/1943274/2147482525/740-10-45-10B + Details Name: us-gaap_ UnrecognizedTaxBenefits Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe total amount of unrecognized tax benefits that, if recognized, would affect the effective tax rate. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 217 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482663/740-10-55-217Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 15A -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-15A + Details Name: us-gaap_UnrecognizedTaxBenefitsThatWouldImpactEffectiveTaxRate Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 58 R46.htm IDEA: XBRL DOCUMENT v3.24.3 Note 10 - Intangible Assets (Details Textual) - USD ($) 9 Months Ended 12 Months Ended Jul. 31, 2024 Oct. 31, 2023 Amortization of Intangible Assets $ 1,266,000 $ 1,701,000 Acquired Finite-Lived Intangible Assets, Weighted Average Useful Life (Year) 7 years 10 months 6 days Â X - DefinitionWeighted average amortization period of finite-lived intangible assets acquired either individually or as part of a group of assets, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-1Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 985 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481283/985-20-50-2 + Details Name: us-gaap_AcquiredFiniteLivedIntangibleAssetsWeightedAverageUsefulLife Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionThe aggregate expense charged against earnings to allocate the cost of intangible assets (nonphysical assets not used in production) in a systematic and rational manner to the periods expected to benefit from such assets. As a noncash expense, this element is added back to net income when calculating cash provided by or used in operations using the indirect method. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -Paragraph 28 -Subparagraph (b) -SubTopic 10 -Topic 230 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-28Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482686/350-30-45-2 + Details Name: us-gaap_AmortizationOfIntangibleAssets Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 59 R47.htm IDEA: XBRL DOCUMENT v3.24.3 Note 10 - Intangible Assets - Intangible Assets (Details) - USD ($) $ in Thousands Jul. 31, 2024 Oct. 31, 2023 Finite-Lived Intangible Assets, Net $ 12,329 $ 13,595 Trademarks 1,174 1,174 Trademarks [Member] Â Â Trademarks 1,174 1,174 Noncompete Agreements [Member] Â Â Non-compete agreement (estimated life 5 years) 423 423 Accumulated amortization (411) (378) Finite-Lived Intangible Assets, Net 12 45 Customer Relationships [Member] Â Â Non-compete agreement (estimated life 5 years) 6,058 6,058 Accumulated amortization (3,751) (3,461) Finite-Lived Intangible Assets, Net 2,307 2,597 Order or Production Backlog [Member] Â Â Non-compete agreement (estimated life 5 years) 327 327 Accumulated amortization (327) (327) Finite-Lived Intangible Assets, Net 0 0 Patents [Member] Â Â Non-compete agreement (estimated life 5 years) 368 368 Accumulated amortization (200) (176) Finite-Lived Intangible Assets, Net 168 192 Trade Names [Member] Â Â Non-compete agreement (estimated life 5 years) 1,700 1,700 Accumulated amortization (275) (189) Finite-Lived Intangible Assets, Net 1,425 1,511 Technology-Based Intangible Assets [Member] Â Â Non-compete agreement (estimated life 5 years) 11,100 11,100 Accumulated amortization (2,683) (1,850) Finite-Lived Intangible Assets, Net $ 8,417 $ 9,250 X - DefinitionAccumulated amount of amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_FiniteLivedIntangibleAssetsAccumulatedAmortization Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount before amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 928 -SubTopic 340 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478859/928-340-50-1 + Details Name: us-gaap_FiniteLivedIntangibleAssetsGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount after amortization of assets, excluding financial assets and goodwill, lacking physical substance with a finite life. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483154/926-20-50-5 + Details Name: us-gaap_FiniteLivedIntangibleAssetsNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of assets, excluding financial assets and goodwill, lacking physical substance and having a projected indefinite period of benefit. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 40 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482640/350-30-55-40Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 10 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480265/350-10-S45-1Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482665/350-30-50-2 + Details Name: us-gaap_IndefiniteLivedIntangibleAssetsExcludingGoodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_IndefiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_TrademarksMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_NoncompeteAgreementsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_CustomerRelationshipsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_OrderOrProductionBacklogMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_PatentsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_TradeNamesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_TechnologyBasedIntangibleAssetsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 60 R48.htm IDEA: XBRL DOCUMENT v3.24.3 Note 10 - Intangible Assets - Intangible Assets (Details) (Parentheticals) Jul. 31, 2024 Oct. 31, 2023 Noncompete Agreements [Member] Â Â Estimated life (Year) 5 years 5 years Customer Relationships [Member] | Minimum [Member] Â Â Estimated life (Year) 7 years 7 years Customer Relationships [Member] | Maximum [Member] Â Â Estimated life (Year) 15 years 15 years Order or Production Backlog [Member] | Minimum [Member] Â Â Estimated life (Year) 1 year 1 year Order or Production Backlog [Member] | Maximum [Member] Â Â Estimated life (Year) 2 years 2 years Patents [Member] | Minimum [Member] Â Â Estimated life (Year) 10 years 10 years Patents [Member] | Maximum [Member] Â Â Estimated life (Year) 14 years 14 years Trade Names [Member] Â Â Estimated life (Year) 15 years 15 years Technology-Based Intangible Assets [Member] Â Â Estimated life (Year) 10 years 10 years X - DefinitionUseful life of finite-lived intangible assets, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesNo definition available. + Details Name: us-gaap_FiniteLivedIntangibleAssetUsefulLife Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: instant X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_NoncompeteAgreementsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_CustomerRelationshipsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_OrderOrProductionBacklogMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_PatentsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_TradeNamesMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FiniteLivedIntangibleAssetsByMajorClassAxis=us-gaap_TechnologyBasedIntangibleAssetsMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 61 R49.htm IDEA: XBRL DOCUMENT v3.24.3 Note 11 - Commitments (Details Textual) - USD ($) Jul. 31, 2024 Oct. 31, 2023 Operating Lease, Right-of-Use Asset $ 15,304,000 $ 15,689,000 Operating Lease, Liability 20,644,000 Â Operating Lease, Liability, Current 1,481,000 $ 1,314,000 Finance Lease, Liability, Total 0 Â K and K Unlimited [Member] Â Â Lessee, Operating Lease, Monthly Rent $ 16,000 Â Minimum [Member] Â Â Lessee, Operating Lease, Remaining Lease Term (Year) 1 year Â Maximum [Member] Â Â Lessee, Operating Lease, Remaining Lease Term (Year) 10 years Â X - DefinitionAmount of monthly rent on operating lease of the lessee. + ReferencesNo definition available. + Details Name: rfil_LesseeOperatingLeaseMonthlyRent Namespace Prefix: rfil_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from finance lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_FinanceLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionRemaining lease term of operating lease, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 7A -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-7AReference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-3 + Details Name: us-gaap_LesseeOperatingLeaseRemainingLeaseTerm Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's right to use underlying asset under operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseRightOfUseAsset Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - Details Name: us-gaap_RelatedPartyTransactionsByRelatedPartyAxis=rfil_KAndKUnlimitedMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 62 R50.htm IDEA: XBRL DOCUMENT v3.24.3 Note 11 - Commitments - Operating Lease Expense (Details) - USD ($) $ in Thousands 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Operating lease cost $ 749 $ 663 $ 2,217 $ 2,129 X - DefinitionAmount of single lease cost, calculated by allocation of remaining cost of lease over remaining lease term. Includes, but is not limited to, single lease cost, after impairment of right-of-use asset, calculated by amortization of remaining right-of-use asset and accretion of lease liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_OperatingLeaseCost Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 63 R51.htm IDEA: XBRL DOCUMENT v3.24.3 Note 11 - Commitments - Other Information Related to Leases (Details) - USD ($) $ in Thousands 9 Months Ended 12 Months Ended Jul. 31, 2024 Oct. 31, 2023 Operating leases $ 742 $ 6,479 Operating leases (in months) (Month) 104 months 18 days 114 months 7 days Operating leases 6.99% 6.96% X - DefinitionWeighted average discount rate for operating lease calculated at point in time. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_OperatingLeaseWeightedAverageDiscountRatePercent Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionWeighted average remaining lease term for operating lease, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_OperatingLeaseWeightedAverageRemainingLeaseTerm1 Namespace Prefix: us-gaap_ Data Type: xbrli:durationItemType Balance Type: na Period Type: instant X - DefinitionAmount of increase in right-of-use asset obtained in exchange for operating lease liability. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 53 -Publisher FASB -URI

https://asc.fasb.org/1943274/2147479589/842-20-55-53Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (g)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-4 + Details Name: us-gaap_RightOfUseAssetObtainedInExchangeForOperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 64 R52.htm IDEA: XBRL DOCUMENT v3.24.3 Note 11 - Commitments - Future Minimum Lease Payments (Details) - USD ($) $ in Thousands Jul. 31, 2024 Oct. 31, 2023 2024 (excluding nine months ended July 31, 2024) $ 795 Â Current portion of operating lease liabilities 1,481 $ 1,314 2025 3,105 Â Operating lease liabilities 19,163 $ 19,284 2026 3,102 Â Total 20,644 Â 2027 3,063 Â 2028 2,997 Â Thereafter 14,878 Â Total future minimum lease payments 27,940 Â Less imputed interest (7,296) Â Total $ 20,644 Â X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease due after fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueAfterYearFive Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in next fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueNextTwelveMonths Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearFive Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in fourth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearFour Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in third fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearThree Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payment for operating lease to be paid in second fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach). + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueYearTwo Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of lessee's undiscounted obligation for lease payments in excess of discounted obligation for lease payments for operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478964/842-20-50-6 + Details Name: us-gaap_LesseeOperatingLeaseLiabilityUndiscountedExcessAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiability Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as current. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPresent value of lessee's discounted obligation for lease payments from operating lease, classified as noncurrent. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479041/842-20-45-1 + Details Name: us-gaap_OperatingLeaseLiabilityNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 65 R53.htm IDEA: XBRL DOCUMENT v3.24.3 Note 12 - Term Loan and Line of Credit (Details Textual) - USD ($) 1 Months Ended 4 Months Ended Mar. 15, 2024 Jan. 26, 2024 Feb. 28, 2022 Mar. 15, 2024 Aug. 12, 2024 Jul. 31, 2024 Jul. 13, 2024 Jun. 14, 2024 Mar. 01, 2024 Feb. 29, 2024 Oct. 31, 2023 Sep. 22, 2023 Line of Credit, Current Â Â Â Â Â Â $ 8,704,000 Â Â Â Â Â $ 1,000,000 Â Revolving Credit Facility [Member] Â Â Â Â Â Â Â Â Â Â Â Â Â Â Debt Instrument, Basis Spread on Variable Rate Â Â 2.00% Â Â Â Â Â Â Â Â Â Â Â Bank of America, N.A. [Member] Â Â Â Â Â Â Â Â Â Â Â Â Line of Credit Facility, Maximum Borrowing Capacity Â $ 500,000 $ 3,000,000 Â Â Â Â Â Â Â Â Â Debt Instrument, Face Amount Â Â $ 17,000,000 Â Â Â Â Â Â Â Â Â Debt Instrument, Covenant, Maximum EBITDA Ratio Â Â 3 Â Â Â Â Â Â Â Â Â Debt Instrument, Covenant, Fixed Charge Coverage Ratio Â Â 1.25 Â Â Â Â Â Â Â Â Â Debt Instrument, Covenant Required Ebitda Â Â $ 600,000 Â Â 500,000 Â Â Â Â (400,000) Â Debt Instrument, Covenant, Minimum Liquidity Â 2,000,000 Â Â Â $ 4,000,000 Â Â Â $ 2,000,000 Â $ 4,000,000 Debt Instrument, Covenant, Minimum Liquidity, Percentage Forecasted Â Â Â Â Â Â Â Â Â Â Â 80.00% Debt Instrument, Fee Required On Percentage of Outstanding Principle Balance Â Â Â Â Â 0.50% Â Â 1.00% 0.50% Â Â Debt Instrument, Additional Payment Amount Â Â Â Â Â Â Â Â $ 1,000,000 $ 1,000,000 Â Â Repayments of Debt Â 500,000 Â Â Â Â Â Â Â Â Â Â Long-Term Line of Credit Â $ 500,000 Â Â Â Â Â Â Â Â Â $ 1,000,000 Â Line of Credit, Current Â Â Â Â Â Â Â Â Â $ 500,000 Â Â Â EBC Revolving Loan Facility [Member] Â Â Â Â Â Â Â Â Â Â Â Â Line of Credit Facility, Maximum Borrowing Capacity $ 15,000,000 Â Â $ 15,000,000 Â Â Â Â Â Â Â Â Line of Credit Facility, Unused Capacity, Commitment Fee Percentage 0.50% Â Â Â Â Â Â Â Â Â Â Â EBC Revolving Loan Facility [Member] | Secured Overnight Financing Rate (SOFR) [Member] Â Â Â Â Â Â Â Â Â Â Â Â Debt Instrument, Basis Spread on Variable Rate 0.11448% Â Â Â Â Â Â Â Â Â Â Â EBC Revolving Loan Facility [Member] | Adjusted Term SOFR [Member] Â Â Â Â Â Â Â Â Â Â Â Â Debt Instrument, Basis Spread on Variable Rate 5.00% Â Â Â Â Â Â Â Â Â Â Â EBC Additional Line [Member] Â Â Â Â Â Â Â Â Â Â Â Line of Credit Facility, Maximum Borrowing Capacity $ 1,000,000 Â Â $ 1,000,000 Â Â $ 666,667 $ 1,000,000 Â Â Â EBC Additional Line [Member] | Adjusted Term SOFR [Member] Â Â Â Â Â Â Â Â Â Â Â Â Debt Instrument, Basis Spread on Variable Rate Â Â Â 6.50% Â Â Â Â Â Â Â Â Â Floor Rate, Adjusted Interest Rate 2.00% Â Â 2.00% Â Â Â Â Â Â Â Â Â EBC Additional Line [Member] | Subsequent Event [Member] Â Â Â Â Â Â Â Â Â Â Â Line of Credit Facility, Maximum Borrowing Capacity Â Â Â Â $ 333,333 Â Â Â Â Â Â Â Swing Line Loan [Member] Â Â Â Â Â Â Â Â Â Â Â Â Line of Credit Facility, Maximum Borrowing Capacity $ 3,000,000 Â Â $ 3,000,000 Â Â Â Â Â Â Â Â Â EBC Credit Agreement [Member] Â Â Â Â Â Â Â Â Â Â Â Debt Instrument, Covenant, Fixed Charge Coverage Ratio 1.1 Â Â Â Â Â Â Â Â Â Â Â Debt Instrument Covenant, Capital Expenditures $ 2,500,000 Â Â Â Â Â Â Â Â Â Â Short-Term Debt Â Â Â Â Â $ 8,704,000 Â Â Â Â Â Â EBC Credit Agreement [Member] | Other Assets [Member] Â Â Â Â Â Â Â Â Â Â Debt Issuance Costs, Line of Credit Arrangements, Gross 455,000 Â Â 455,000 Â Â Â Â Â Â Â Â EBC Credit Agreement [Member] | Minimum [Member] Â Â Â Â Â Â Â Â Â Â Debt Instrument Covenant, Excess Availability Amount $ 1,000,000 Â Â $ 1,000,000 Â Â Â Â Â Â Â Â Debt Instrument Covenant, Adjusted Borrowing Base Percent 10.00% Â Â 10.00% Â Â Â Â Â Â Â X - DefinitionRepresents the percentage of outstanding principle used to calculate an additional fee on a debt instrument. + ReferencesNo definition available. + Details Name: rfil_DebtInstrumentAdditionalFeePercentage Namespace Prefix: rfil_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionRepresents the value of an additional payment on a debt instrument. + ReferencesNo definition available. + Details Name: rfil_DebtInstrumentAdditionalPaymentAmount Namespace Prefix: rfil_ Data Type: xbrli:monetaryItemType Balance Type: na Period Type: instant X - DefinitionRepresents the percent of the adjusted borrowing base required by the debt instrument covenant. + ReferencesNo definition available. + Details Name: rfil_DebtInstrumentCovenantAdjustedBorrowingBasePercent Namespace Prefix: rfil_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionThe total amount of capital expenditures that cannot be exceeded under the covenant. + ReferencesNo definition available. + Details Name: rfil_DebtInstrumentCovenantCapitalExpenditures Namespace Prefix: rfil_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe required minimum excess availability amount. + ReferencesNo definition available. + Details Name: rfil_DebtInstrumentCovenantExcessAvailabilityAmount Namespace Prefix: rfil_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionRepresents covenant for fixed charge ratio. + ReferencesNo definition available. + Details Name: rfil_DebtInstrumentCovenantFixedChargeCoverageRatio Namespace Prefix: rfil_ Data Type: xbrli:pureItemType Balance Type: na Period Type: duration X - DefinitionRepresents covenant for EBITDA requirement. + ReferencesNo definition available. + Details Name: rfil_DebtInstrumentCovenantMaximumEbitdaRatio Namespace Prefix: rfil_ Data Type: xbrli:pureItemType Balance Type: na Period Type: duration X - DefinitionAmount of minimum liquidity required under covenant of the debt instrument. + ReferencesNo definition available. + Details Name: rfil_DebtInstrumentCovenantMinimumLiquidity Namespace Prefix: rfil_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPercentage of forecasted minimum liquidity for covenant under the debt instrument. + ReferencesNo definition available. + Details Name: rfil_DebtInstrumentCovenantMinimumLiquidityPercentageForecasted Namespace Prefix: rfil_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionRepresent the required EBITDA by a covenant. + ReferencesNo definition available. + Details Name: rfil_DebtInstrumentCovenantRequiredEbitda Namespace Prefix: rfil_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe floor rate for the adjustment of interest rates. + ReferencesNo definition available. + Details Name: rfil_FloorRateAdjustedInterestRate Namespace Prefix: rfil_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionPercentage points added to the reference rate to compute the variable rate on the debt instrument. + ReferencesNo definition available. + Details Name: us-gaap_DebtInstrumentBasisSpreadOnVariableRate1 Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionFace (par) amount of debt instrument at time of issuance. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 8 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482949/835-30-55-8Reference 2: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69B -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69BReference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69C -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69CReference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482925/835-30-45-2 + Details Name: us-gaap_DebtInstrumentFaceAmount Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, before accumulated amortization, of debt issuance costs related to line of credit arrangements. Includes, but is not limited to, legal, accounting, underwriting, printing, and registration costs. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section S45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479359/835-30-S45-1 + Details Name: us-gaap_DebtIssuanceCostsLineOfCreditArrangementsGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionThe carrying value as of the balance sheet date of the current and noncurrent portions of long-term obligations drawn from a line of credit, which is a bank's commitment to make loans up to a specific amount. Examples of items that might be included in the application of this element may consist of letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to a maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line. Includes short-term obligations that would normally be classified as current liabilities but for which (a) postbalance sheet date issuance of a long term obligation to refinance the short term obligation on a long term basis, or (b) the enterprise has entered into a financing agreement that clearly permits the enterprise to refinance the short-term obligation on a long term basis and the following conditions are met (1) the agreement does not expire within 1 year and is not cancelable by the lender except for violation of an objectively determinable provision, (2) no violation exists at the BS date, and (3) the lender has entered into the financing agreement is expected to be financially capable of honoring the agreement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)) -SubTopic 10 -Topic 210 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(2)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_LineOfCredit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionMaximum borrowing capacity under the credit facility without consideration of any current restrictions on the amount that could be borrowed or the amounts currently outstanding under the facility. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(22)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap_LineOfCreditFacilityMaximumBorrowingCapacity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThe fee, expressed as a percentage of the line of credit facility, for available but unused credit capacity under the credit facility. + ReferencesNo definition available. + Details Name: us-gaap_LineOfCreditFacilityUnusedCapacityCommitmentFeePercentage Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: duration X - DefinitionThe carrying value as of the balance sheet date of the current portion of long-term obligations drawn from a line of credit, which is a bank's commitment to make loans up to a specific amount. Examples of items that might be included in the application of this element may consist of letters of credit, standby letters of credit, and revolving credit arrangements, under which borrowings can be made up to a maximum amount as of any point in time conditional on satisfaction of specified terms before, as of and after the date of drawdowns on the line. Includes short-term obligations that would normally be classified as current liabilities but for which (a) postbalance sheet date issuance of a long term obligation to refinance the short term obligation on a

long term basis, or (b) the enterprise has entered into a financing agreement that clearly permits the enterprise to refinance the short-term obligation on a long term basis and the following conditions are met (1) the agreement does not expire within 1 year and is not cancelable by the lender except for violation of an objectively determinable provision, (2) no violation exists at the BS date, and (3) the lender has entered into the financing agreement is expected to be financially capable of honoring the agreement. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(13)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1 + Details Name: us-gaap_LinesOfCreditCurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of cash outflow for payment of an obligation from a lender, including but not limited to, letter of credit, standby letter of credit and revolving credit arrangements. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.4-08(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1 + Details Name: us-gaap_RepaymentsOfLinesOfCredit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionReflects the total carrying amount as of the balance sheet date of debt having initial terms less than one year or the normal operating cycle, if longer. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(19)(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-03(13)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478546/942-210-S99-1Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 852 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 10 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481372/852-10-55-10Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 944 -SubTopic 210 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-03(a)(16)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1 + Details Name: us-gaap_ShortTermBorrowings Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - Details Name: us-gaap_CreditFacilityAxis=us-gaap_RevolvingCreditFacilityMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LineOfCreditFacilityAxis=rfil_BankOfAmericaNaMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LineOfCreditFacilityAxis=rfil_EBCRevolvingLoanFacilityMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_VariableRateAxis=us-gaap_SecuredOvernightFinancingRateSofrMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_VariableRateAxis=rfil_AdjustedTermSOFRMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LineOfCreditFacilityAxis=rfil_EBCAdditionalLineMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_SubsequentEventTypeAxis=us-gaap_SubsequentEventMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_LineOfCreditFacilityAxis=rfil_SwingLineLoanMember Namespace Prefix: Data Type: Period Type: X - Details Name: us-gaap_LineOfCreditFacilityAxis=rfil_EBCCreditAgreementMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BalanceSheetLocationAxis=us-gaap_OtherAssetsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 66 R54.htm IDEA: XBRL DOCUMENT v3.24.3 Note 13 - Cash Dividend and Declared Dividends (Details Textual) - USD ($) $ in Thousands 3 Months Ended 9 Months Ended Jul. 31, 2024 Jul. 31, 2023 Jul. 31, 2024 Jul. 31, 2023 Payments of Ordinary Dividends $ 0 $ 0 $ 0 $ 0 $ 0 X - DefinitionCash outflow in the form of ordinary dividends to common shareholders, preferred shareholders and noncontrolling interests, generally out of earnings. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 15 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-15 + Details Name: us-gaap_PaymentsOfDividendsMinorityInterest Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration EXCEL 67 Financial_Report.xlsx IDEA: XBRL DOCUMENT begin 644 Financial_Report.xlsx M4$L#!!0 ("V!,%D'04UB@0 +$ 0 9&]C4')O<',O87!P+GAM M;$V./0L",1!$_\QO;=!P4)B0-!2L+(/>QLOD&1#LD)^OCG!CVX>;QA&WPIG M*N*I#BV&5(_C(I(/ !47BK9.7:=N')=HI6-Y #OGDK7A.YNJQ<&4GPZ4A!0W_J=0U[R;UEA_6\#MI7E!+ P04 M " M@3!9Q\">H^\ &0 &1O8U!R;W!S+V-O&ULS9+! M:L,P#(9?9?B>R$Y'1TWJR\9.&PQ6V.C-V&IK&B?&UDCZJG.R-J5L#["CI=^? M/H%J$Z3I(K[%+F DA^EN\$V;I EK=B *$B"9 WJ=RIQH@C9' MO4>H.%^"1))6DX816(29R%1MC301-77QC+=FQH>OV$PP:P ;]-A2 E$*8&J< M&$Y#4\,5,,((HT_!;0S<:K^B9TZP,[)(;DYU?=]V2^F7-Y!P.?KR_NT;N': M1+HUF\E)^D4<,TNDS\6CT^;9Z8J7MT7?%6(Y:,BDJ^D>-B.KC=^5V'?6;=S M_]CX(JAJ^'47ZAM02P,$% @ +8$P69E&UL[5I;<]HX%'[OK]!X9_9M"\8V@;:T$W-I=MNTF83M M3A^%$5B-;'EDD81_OTV23;]:/ 0LZ?O.14?GZ#AY\^XN8NB&B)3R M> +]O6N[!3+ MUES@6QHO(];JM-O=5H1I;*$81V1@?5XL:$#05%%:;U\@M.4?,_@5RU2-9:,! M$U=!)KF(M/+Y;,7\VMX^9<_I.ATR@6XP&U@@?\YOI^1.6HCA5,+$P&IG/U9K MQ]'22(""R7V4!;I)]J/3%0@R#3LZG5C.=GSVQ.V?C,K:=#1M&N#C\7@XMLO2 MBW A(5M>5 TR M6'!VULS2 Y9>*?IUE!K9';O=05SP6.XYB1'^QL4$UFG2&98T1G*=D 4. #?$ MT4Q0?*]!MHK@PI+27)#6SRFU4!H(FLB!4>"(<7K;YH] M5Z%82=J$^!!&&N*<<^9ST6S[!Z5&T?95O-RCEU@5 9<8WS2J-2S%UGB5P/&M MG#P=$Q+-E L&08:7)"82J3E^34@3_BNEVOZKR2.FJW"$2M^/F(9 M-AIRM1:!MG&IA&!:$L;1>$[2M!\6:PUDSY@R.S-D77.UI$.$9)>-T(^8LZ+ MD!& _'H8X2IKHMG%8!/V>7L-)P>B"RV;]N'Z&U3-L+([W1]072N0/]J<_Z3(T M!Z.:60F]A%9JGZJ'-#ZH'C(*!?&Y'C[E>G@*-Y;&O%"N@GL! _]':-*K^(+ M.7\N?<^E[[GT/:'2MSAD6R4)RU3393>* M$IY"&V[I4_5*E=? EK[DHN#Q;Y.FOH70^+, Y/%_GM,T+,T.WF)&Y M"M-2D&_#^>G%>!KB.=D$N7V85VWGV-'1^^?!4;"C[SR6'<>(\J(A[J&&F,_# M0X=Y>U^89Y7&4#04;6RL)"Q&MV"XU_$L%.!D8'V@!X.O40+R4E5@,5O& RN0 MHGQ,C$7H<.>77%_CT9+CVZ9EM6ZO*7<9;2)2.<)IF!-GJ\K>9;'!51W/55OR ML+YJ/;053L_^6:W(GPP13A8+$DACE!>F2J+S&5.^YRM)Q%4XOT4SMA*7&+SC MYL=Q3E.X$G:V#P(RN;LYJ7IE,6>F\M\M# DL6XA9$N)-7>W5YYNTB42%(JP# 4A M%W+C[^^3:G>,U_HL@6V$5#)DU1?*0XG!/3-R0]A4)?.NVB8+A=OB5,V[&KXF M8$O#>FZ=+2?_VU[4/;07/4;SHYG@'K.' MYA,L0Z1^P7V*BH 1JV*^NJ]/^26<.[1[\8$@F_S6VZ3VW> ,? -2K6J5D*Q$_ M2P=\'Y(&8XQ;]#2CQ1BK::QK<;:,0QY@%CS#*%F.-^'19H:,]6+K#F-"FJ! MU4#E/]O4#6CV#30,9FV-J/D3@H\W/[O#;#"Q([A[8N_ 5!+ P04 M" M@3!9'R6]F^\% +'P & 'AL+W=OQ*WA6?YLJH9G,M-A$(NI(FD6 M15R]7(A0KLY;M+5Y!C(D2\ /6 MB'X8N\P$Y&]\"<0JW;HF!N51RF_F9N*?MQ03(A$*3QL)#E]/8BS"T"A!.?Y9 MB[;* S2!V]<;]>L<'F >>2K&,OPC\/7RO#5H$5 _,>1;]>[GZ5:R!>D;/DV&: M?Y)5\6Z/M8B7I5I&ZV H013$Q3=_7E?$5D#7J0E@ZP#V)H!V:P+<=8";@Q8E MR[$NN>;#,R571)FW07TLN@5309Q32ZYBG6@ M7\@D+KJ'J>8V29=L%0P=^R\)BX](@PAW4MY1GCX3.1'!/*;.&OBN.6->?F>NZNFMNNKK]N MX"TRT2)* [9562'9M4N:(?LA3;@GSELP)E.AGD1K^-,/M. \;./3F*OZ+LE M?1=3K^@? 7A)A(\7#]=.^LR&A40V1>B52;S^DNXPK+53X0NY%(I6VX>%26F6V M2AFC40WQ^B5>?S^\J5"I-(/=)S!E6!L/5RH'8NU(1.;/U)!_\Q7D",RTS HB51D++-8JQ?X]JT5L$/]]HN-&]JBKSE M-N@^R _\F4Q\&*3!//"*E;.^)^^0' S:#NT/3MV^E1<-;LK+*EZV#^_(]T$] M/=IHY8B>*OD4 MQ)Z]U7'-\<@*>@B_1"O#1'&;\Q9T*E/-0)GD-1/6KCB*:/LQ$IZ".M$*^]$ M<>)@)D@A5[).M=7 (/T4K0T5Q)P0VV _B!9F]1(\RM*+OL%+7DQLK MUR'<$ZO<$\/]S:8QR=6SM^3Q0M0ZQ1U"MZ/9YP0*RR0&PO"V0V;N#NP1_LI++.13MT;F7 MKKA@;;8!CVL*6ID?AGN733LN!;0CAH? +U.,=P@2QR@0QW+]LIME7*_PLSWJ3 M3YD&2QOG"^B[(%XGP]];Z;^3U5G72:'6R]7,6^6/QC"U*G! D]@7S^1W86_2G6DDYZ3K]/OV?/PAC ^KC _#?,ZB5U/BP*?%,OK(X>2R? EB>]H_Q\LU.]7AP3?^1F[4Q)*.80ZAR?P(2G MBI/7XD;+)#^\?)1:RRB_7 KN"V5>@-_G4NK-C?F#\OQ[^"]02P,$% @ M+8$P68VES[@>!P 81T !@ !X;"]W;W)KW0%XDE^TC][TC> [TB=/@GYJ5QQKM"7=5Z49X.54IO7HU&9K/B:E:_$ MAA?PRL0+(-5-P*Q]&Y49REM:-UOF(>%XX6K.L&$Q.Z^]NY.145"K/"GXC45FM MUTQ^?]OZN=!V?N6QJ070/RK0WHK@&M'=TJ MJ]TZ9XI-3J5X0E);0V_ZHHY-W1J\R0H]C',EX=<,VJG)3!0I# I/$5R5(L]2 MIN#F+ MZC>-_'@<-4;/5-)&)76J7$B6;H5DUPZ*@71F'4YL5 MB7I<]1M7?:>KE\4CA%_(C%N'P#+>? &7C^N*/,8A5'U+,K"QIE@5/9M5IQ".UN MC3 (K7V6!):'C[NQ,XT(IJ%=8-@(#-VSY'HQO4*SN]O;BX\+-)W+/Q9SF\#0 M?/:8QD%'H6E%0_OB6'4(2QSJ%\'XHT$-$GUM9Z+>K5M !;JM4UEY/)5<^]U MN6$)/QL Y$HN'_E@\O-/./3>V)+*#^KLF<]QXW/L'):+O9NUTTI ^BT>;![' M1L3]*":=8;$9C7LFSKA1.'8J?%?)(E.5Y+5"L5QFD$>:T;%)'1LJ0AQY':FF M41!2;)>*O19EGE/L?@H-T0W0:QO4)L1#]%Y"TK-BR;.DJW'0C:_5S"<]60T? M$!@[95_QLM09O%I7>0W?E,-<2S*FZQRK7FR)L6?(-:V"P*,]:ELJ8C<6%T*Q M'&VL][5FCE4Q,>=F''1GAQ2TAL1N1UZ 48ED\H)Q#P8>DKNQ.Q/*D M@IMMLNX7;B%90+TNV:UF83SND=R2^N1]UZ(]"G+22G89W2K>(N5'T2D M1V#+,N)FV17B*(X,8%FLL.?UE/"DY15QVI_3+#125846NF" MRS6Z$LQ:R1"33MWU9S$A?E]10%J $3? +$I%IT[(,W:?Y9GJV6\2"Z7\&'?E MVUB&^^2W*"/?LZ$[ED,L<(IIU,6NS8P$N&]1M1 C;HAUZZ]C<35)A<5)^;U"65E6]4E/ M(DI[F9!;3E'75OSK8S]LA,I>86BT81Z68OBYD/,[5GKTM; M/E$WGV9BO(L1N:+ MZ]GO'ZZOSB]NYS__%!,NV$Z/?6)#^JM^>N'YR?NHFJQQSR M?ZE$\@F=(%:IE9#9OY B# <$).H_5*Z8W!V7>]\#/6+1(\LK_@;A+VA/PZ& M@1_74P9NJ4^'A-!](|THH;?Z_*12)6PY4IT+F4+3C1B3+C"M9E[<=TS> I^Z@7_+%8.OH+9CLH !L*]GD]:0^KHITF(%^].H+T6V M4*?? O7#M?B+:Q5:CF']PV/BG5B+V3@*>RI1VE*=NJENY',T_7C^[>(CXUV(M;?-E,;-MOD8'[[_TR\<_F'S(BA+JC26T\UY%X+WE$&I_H]^R-6J5) .\!4$L#!!0 ("V!,%FH 5;%Q@(&<' M 8 >&PO=V]R:W-H965T&ULG55M]HP$/XKIZ@?0&(D M)(%V%2#15-,Z;2HJ:_?9)(98=6QF.]#MU^_LI%%HT[?Q@?CL>\[/<^>SIP>I M[G5.J8&'@@L]\W)C=N>^K].<%D0/Y8X*7-E(51"#IMKZ>JR'N6<>9'1#2FYN MY.$KK?6,;;Q4DMB5W)J6$JX[L,GN%U= M0N^D#R? !S,9:F)R/34-\C7[NJG-;>+BEOX K=O)1"-!I &(1Q!SQY'7Z= MF@8>'<-]S%*3JK!)5>CBQ2_6ZZ1+ 5FXX:FE.W)FM,!+#CV@4L5=A0DBF): MX+O4>@!USKBT5QM-W$:VS_;ST7@\]?=M<<]PCAN?(X41(V"Z%4%B2P*;)V5 MD>G] &N+E=.P*$TN%?N+5>]AO;2;[7>QKH*/VXR"ZO>$^CLB+I#:-& MSOC#Y1C E=;EV[48/TOQ* (@_1_'9TV/4Y1C%46A;HHO\I"$_^0_RUZ71!KN= MB>U;"B;O5=#EV*G ;UV#]@GZ0=26"0V<;A :#$\QAJJN],^Z M88XO(576 =BL6]64M78NO]-$UI/S; MW?Q2W$Q"UR-1B:5Q*;C]>11S454ND^W'/_NDD[Y-%WA_9+]QY:\)?/ M9C+ MZF-9F,W-))V@0JSXKC+OY=//8D\H=OF6LM+M?_3489-P@I8[;62]#[8]J,NF M^^7/>R&. FP>.(#L \AY0#000/>V$.\#6NI!Q[T5;L$-GTV5 M?$+*H6TV=]&JWT9O/,;"Z;P@Z[*)"]TK[]*V[LS;VQ/[8> MC$9RA?[8"L7=N&IT\:'ANZ*TF$OT!GVX7Z"+;R^G@;%=<0F#Y;[9VZY9,M L M1>]D8S8:Y;;Y HA? C,=G(_&!E:#7@;SH<$M&$_ZZJZX0Q=\C$I((Z,_\\,I M1.?_M9Y_=>LG8M"^*&B+QK(][M=H#2OA(8&M@ME;.A;AAYGF*64A6$X#1Z/ M%0. ,8N)!USXP(A%8>0!'U/!:1+[MG$$@27W.J!!2GD5?XYQR/M[9*._I>$5DMZ< M@\AG/BF:^D,Y!W I!P^FKF #!)R/!2@\.#]PI'Z1\6FXO*KK.7J&R6 MLA:@40J]7KR)L%^ARW M3:E?HW, (B+$_G@L(R!)@4P6;CL@P:W)@34997_QV--SH0=A/.??3"+O-(GOS M\L;P9W@R[/.?=^V)@:4 A(,+!H+*$GCS+Y*>-6N[4=_^%P4, JSI 4;Y:H P7PT0-JC&P2/B9-2N?VR/>*P<_-%NI6O1 MR:"1W!EMK)NR>ROHW_&H]_Q2 _^JV1:OFBU_K6RG W0PMGC6N,=VY4?^T/QY^VQZ*GCV_Q==S M##Q?N./D]L3RD+X[BW['E?T)78[JKN>+>[,7+;GE\^2&-DW5YN M!"^$<@#[? B6E>;EQ#?2'[+/_%!+ P04 " M@3!9Y#%_V,P' "#/0 M& 'AL+W=O# [&+%V,0VNYM_W[$A#'/A8*.SBI2U8>8]X]=S M>WSPU6-1' JU60M3>TSK+J^O!]JXW;T:C:K$2ZZ1Z76Q$+K^Y*\IU4LO3\GY4 M;4J1+-M*ZVQ$?3*("VU=@9H3Q MB0I\7X$;%0@[42'85V@O?;2[]M:X>5(GTZNR>/3*IK14:PY:]]O:TJ\T;SK* M;5W*;U-9KY[.BGPI;[M8>O*H*K)TF=3RY+:6?V1_J"NON)-GQ>+KJLB6HJQ^ M\>)OV[3^[KW\G"?;92I+O_*&WN?;R??RQ2OOA9?FWJ=5L:V2?%E=C6K9QB;2 M:+%OS[M=>^C))JS7LO^T$;U_/XCU%U'^YY"9P3)OE()E

7W$*C"=HFK0,&&VE=8 B6G:@#T@'MSDTI@Y=F9? MENZ_Y^QDH15=5;6U?7>?O_OI66OLK2L1"3.5TFX>E43U:1R[K,1*N)&I4;.D M,+82Q%N[CEUM4>3!J%)Q.AZ?
Q)60.EK,PMFE7#Z[DNB1_$"]FM5CC-=*/^M+R+AY0{(RYM9OON3S:.P)H<*,/(+@OWL\1Z4\$-.XZS&CX4ION+U^1/\4?&=? M5L+AN5$W,J=R'KV-(,=" -(JN3/L9>W}>>[S,*!=^H>UTIY,
(LL:1J7IC9E!) MW?V+31^'+8.WXR<,TMX@#;R[BP++#X+$8F9-"]9K,YI?!%>#-9.3VB?EFBQ+ M)=O1XL(00@JOX-SH##59X8/EP!1P;C&7!%?2WA#P.Z-&,$E>0CI.IP?P)H/CDX W.>"X S+P
M26JA,RD47),@Y((CM\,2*FZZ\[WSJFK18,SB)O#H;W:'/'BE7(R?G^ [^0@-M.S\S*OMA)3L)C?) N4\8U%N'7=]P0+)?);G_O8WX8NZ^__.?=?FW_K9_09+.
MD6U"E(!*05"SO286J0=N[=4?;C=H0F2S@Y L=-=*QO94\#B1;>P7A2A Z[Q9X MU\A[H<)=_E!DF6G\QF*&+%D!',$-@A\^Q%\PC3T T4HJH>0V?=7SN&N$DO0 MQ8YWDII >
1G!%QV#T/9O806H13YDW?P@%",Q(7%9'##B^!V@3G:$"#&YXSE MH&0E*6A1B2]Y;7%^5MS88#0LC:SY/1E)M>*:8S@FN^PD%A304HLK*?#FB[M-+3(E9",C\%86/-X)A8PH..Y{H)A4!
,8!1/8G=Z]+VTB#MM.GA[=,%%\H3(M\!+ 3+96]+RG&5GF?V]9&?AC$>* R23SXW2)3<:=QQ(5,5JX:,MZ*!?> <-04K.80V[[NV'] &4!"/HG52[X"v,.C0< -7X0HD ^W3>NMWR MH+4.F06.W15"P4,0BF:WUU2Q
.7(7 8H#&XQ1D';"[9@%B55'R[%1"'NA6AS# ME,^MA(4 HN9IXY@\! S36A_!(QW'X'ED#L83:BWG8'^\'/%,>QS>VNBWPM&&R?8'^>A6'+ZF' *V;=,H'^(53-)X MGN5^D<7SV?
GH"XL2,'YCJ$!K878V@VD^_&SDSRV)>R(2@MY/#N;P"S\,\^GH B$5!"S.)W,_>(B/L]38!T*S%UE$*'N!@S]@,$SRC%H E\@+7C02E:_@EKM MR\1"SB2_]S6OB?O"U9##\VI:4W'VT8[_;[
\!M+H/R^]\^1(F6HTNZ"_OA/, MI1.IX720^+>=LGTU[_X?KH7926U!X99=T_'Y+ +3.6ZW<+=0$G=N08]4,2__Z MT'@#OM\2/_E^XP,,?WRK?P%02P,$% @+8$P60<"}>7^/ @ GP4 !D M
!X,"]W,W)K&UL?53?3]M #'[O7V%E-.HD1IH? M,:%K(U$8VB8Q*F#;P[2'(W&;$\E==N?0\M _/EX2LDTI?DK//W^?/<>S91IM' MFR,2,,M"V;F7$U53W[=ICJ6P)[I"Q3&'P^'8+X54 M7C)K?$N3S'1-
A52X-&#KLA3F>8&%WLR]P'MQW,IU3L[A)[*K/$.Z7NU-&SY M/4LF2U16:@4&5WO/O/)@N8A??!/R0N+$[9W"5/&<]ZC(POV=P;.D%88$].0?#K M"2^P*1P1R_C3<7!2@?
9VF]OO!%WR(\2/BU+DX@"HXA M'(;Q ;ZHKS=]Z^(#]5H@#5=2"95*4< =^4+^S ,7V]+%^^GSP3 M%LT3>LG;.\%X^/& V+@7&Q]B3 ,U'[=XY9@4>CT?<^P0^?8.,E/0#LW6. M:+ T6 F9
8DM=^4(QD'LGG'8W^"6UX]%F)R-X6P4#2ZQTE:RA"B*()HP9Z,O M&$40C">#>TVB<$S!\2DCCB \#F(Q[.N%OS,T)9IULQI<:,6B=GYZ,[!]SMNA M^Q?
>KJYK8=9262APQ=#AR63D@6G706N0KIH1?-#$]T<<]Z@:%P WZ\T=Z S M7()^)R=_ 5!+ P04 "M@3!9?X"M\O " !=\@ &0 'AL+W=O32*]H(//:E/X((@7LTIL\ ,]I^K:\BGN47)5HG&*
M#%A%.W>PAQ#)BN@V'-[D\R@)A%"C] %!\++%2]0Z #&- M[QUFU+L,AH?[/?JK)G:.924<7I+^HG)?S*/G$>2X%7'VCW&KWX)@%/DG;_M%W:=,A*!K)VGLC-F!J4R[2KNNCS\C4':&.0-
[]91P_*E\&(QL[0#&[09+6R: M4!MK}]=,,*_J-MWRKV,XOWI%'F, SN)#2UIC#U1W7VZ$#87)X[PNT<%E;B\,# M?TJLE%9>H9O%GIT'B%AVCI:MH_0/CL[@+1E?.+@R.>8_V\=,NF>>[IDOTZ.
M_],Z!,.C(:1)FAW!&_>9&#=XXR.9<. .)7BDCC%1"PXT7'OD%^@?C,>&RA^%" M,YV[2DB<1]PM#NT6H\7C?T,3Y,41LEE/-CN&ON!J4>5AJDK??'HKW.*/N(>UIX.$SHH;"WH\^
MH/*;NB3N=^>!UL!&L", 8T.9#3Q1AB54.P9T3\\'7/[[OOR#]]+3BGUT@O'@M"Tv4!U6;'7@$Z3]/6O6;#H:[-U:E*@J3N-H.$W&_!V-1X,V8>)?9GPYS>#L M>3+X2%YHQV"389)-
>OZYJ*PN>'3DHLV4!V7L.S<*N4+((M,E*2711BBV#(PPK1M#A;S$\>>B_Q0ML!ME'&AK<,1L%^X[/I04EE@ M:.4NP6"V#"Y&Y^L)RWN!/R3N;&\-[,E&ZQM^^-9 N@R$30H6)8P1!CUM\@THQ
M$-'XVF(&G4E6[*_WZ.^]C^3+1EA\H]47F;I\&X7,/V9,EZB ME?6_L&MDQ^, DMHZ7,$*Q*"09?,4=VT<>@KSX3,*<:L0>]Z-(<_RK7!BM3!Z M!X:E"8T7WE6O3>1DR4FYFYU2?M$&8P@
]EH@N$U[]I:W^"2S1PE0N# MB\B1%9:.DA9QW2#&SR">P4==NMS"NS+%]+!%^1.PZBO&>SX^"OAKK4Y@/ HA M'L:3(WCCSN6QQQL?<=F"T_!>EJ),!%!PY81#NFK.'O*W@9L52' 9 M4%E8-
+<8K'[\830;_GR$[*0C.SF&OGHG3"G+K7W("/QYC7<.UDHG-W\=HGL4 M\##=]A8\O@,56;3>XEI8F8!L3J634VF!#JK:80J;>TCEK4R),I344EB6-UV.
ML/,50D+B%@T5/)1UL2$4G,%^027J\2Q0{[!.E!XDK0T-6)\2IV>P%NIO"W< MA^075%KZ_X<,05#CLPTXHV"647>QK"4L]2G@"Z=1 16$M'5TPQ5R(-34@ ML)B03TX2]FM,?)SEI
I5Y<@.ZXD9%L3T:_@%V4_0))+ID*R7<$RO-O.C]9!5LAE21%I6 MEOJ6RWOGH4??^)OCY1^RA%]KH:P_3]MY2Y1 M-=/-C"[V\6GU$Z&26@G?]],.N=A)0!HB[>2@2T63OA.X[.5)4A[%1CW*DT\I
MXU)B!CH,$-. B"%= NV(4@KSR2RA8G*\),]*!@%_^YHP^VE _HW-A6C*MS/9W!^FN#?^3>%^6Z?GKZY]K/O? MH2X8KSYQG X?<9SX9]Q.??
F^/9^"ANF!GC0:AI.S:3B4[_6/@>PYWPK81L,ZC5D+?=2 W8B_2YWOKO _#GWX MHMM2Q4&5W/O/)@N8A^D@>Z7.[:>^B&?(>Q)M1\:,P6TG>*>C78T0/EE3A,K&A.@\TQ39-L7 M# P*M_%!+
P04 " M@3!9 M\]5)4VH' "V% &0 'AL+W=OOP*ANIYVA)9*8;J[M&3M)I]N=QIXX;1YV]@$F(1$3BE !T++VU^]W M (HB95E)=O=A7R21//C.[3L7\7*C]&>3"V'9\ZHHS54_MW9],1R:-
!CDT:RUXY@ZMBF$&UY=KOA0/POZQOM>X&C8HF5R)TDA5,BT65_V; MZ.(V(7DG*<4&]/ZS5L6I5'X8%*UGZ,_YZ-62+KA/FYEQM[]
M54F[91\UQUT73G,YM%!/(,.T5G7K5<6OJ]SWU5I<\/>E9G(NN>',+ÑQ/=[9 M?AN?!/RM*@9L% 4L#N/D!.ZHB<7(X8U.Q,(P]]@OLN1E*GF!J' KP$%[U%\V
MEQR'HW*Z,&N>BJL^ZL4(_23ZUS]%'TW"GT\8FS3&}?0KQ]RKL7YKQ&(T%+9R_[QT?Q;.EM@:S^\YCMI]%K6K1)D1Z20GA2V!8IV%W)?N-EA?)F MD4_,*& ;P980L@#A"*]%7-
6"C9,@G,?,D!^&;N#+.:IF2F"&]3D4SHD)H%C%9 MIO *15P_4VNO$-E2I4!%E&@AVAVQN18"@ N9"FT"PET+5_S%=L_\^)-+.E_3 M]01AIIZ@9J$JI?3"WYMJB3)E\?R(NR0B5NM";6%1% 9A&+Z&
[BPSHJ,,"!MI M\Y'Y&PVCN@&+Y'5%>/T'V,,]$XP+U32:M)4*>+!@GV4'Z M'!]P.GF-TQ'E>#[_$L'BF*CP?TWJM98%BR:GW8W'IQA.;GBS:T?,H.:'?8-[MY*]]V1S>YHV-O?(M9OH8]3Y(_E\0?
&7\)E(P3157C) SKYG([+\^]Y;^20S^,VV4A09"_U# _]5[M]TS. +Z0"[%K"+7%/[]J_JDWA2A]1+T_58$:*V@H+# 0E&;C:# BN''BOQN\ MIYTH-1+$A_D9
]A<(G<(!ACVM,>#:F*'3RO%2KB@*VI;M3*PZY_F(7O?BV< ME;"\YZ^:\]M71[9OJ\06;K;7+902+]&*L+'Z>N+1+M6-@4
MD&Z!>!IA6T8O+C,DVBO13>YPL!I3GM;6XV[5!,E&AWJ[JA^M+'C;*V'3FJB>B]=[+\ ML:@YZ/L(.L>GNH'V;GP#[,D]TJ#2A4XE]H][*$[>74L[CA_.9S;%]A;-)NR, M309ATKL["$2#
<-2@]*Y!W3#.)S1V0YP9#Z+9H3H7A1=GQN-Q,)DD[LQDWIRIURZWW[9J MU$VDEWH1A0FB01CAC'TZ'$[[#2Q%PC3:%+%QUVV.9?H(22X0XNFLWJ'^0Q6= M2!Q3,1XD_].Q"=/_9'=0?
K=E8V(N3 MR"VM+LQ,J&+P[C0,]KVT@);EUQ(WU(.6I0C'YXN10EWBQW\H&WVURZ4WV+U M-$GV5D]FT_-U<=>0PQ;[Y)60B_=&S.]JJT_K52<[=Y*??CWT7MQ?T;O=^'Y
M7J}H6"$6.!H.IN,^AOWELQ?6+5V;Z8>E,5JY7[F@F.&D@">+Q1&?WU!"II7 ME=?_!E!+ P04 " M@3!9+\4Q20,) !*%P &0 'AL+W=O+ZZ5I4.G,QC(,=P!>Y+"T-C"[/UWPI;H7]
MNOZL\3;JI11R)6HC5R/I(W,SYWT]\YVV#+G1MRHZILL;'DQG Y9 M(1.\]>P7M?FK:.U)25ZN*N/^LXU?.XZ'+&^,5:MV,S18R=K_\L?6#UL;IN$K M&^)V0^ST]@76:LQ*[+.7GY05;,I.
MV*U8PM>62:a]I.&R\Y'%;1NE+?2KKVT^!5I, 91U;8T[+>Z$,7N_A$TZJ6+ M._6NXX,"_]94IRR) A:\?B O<W'RD@/F&F85>$N>R/GR M 7L=IE)()%6@;F7!I0<^!0X1=9YU12D>_VJUQF
!D5W70(8-!H[$%T_3;MY M_KV1WATP[\69."$.HYG'QR{(D%NM+/ Z6=*B?@5<#9XP*H-UX7I"F2 G#>^ MU@'V:P)=X2&NH38]"02F/V!32F! &B^:5W))H>KPOM=@EVR]]7G)ZZ4@>[RS MR-
7;EI$::ZXMK7C5A1LL6O%"(&&L5Y(LQ85<^1S79-82%"-9@OP'Q#T)#@$ M6.[SZQ,PMYK#(!^ V,$/%E?<&&*>PGFQW>H6T'NN5M"-N^.Z##U%JUWO8BK1S
M!,6NCG'0]J=G9!]^LLTCL.W.QNZ63<7O3T.#0+0,CJ^#;;H+=KCUE'TK)900 M' G0J>SR*S(K_DJUSW.Y7 K@ M1"L_GN_Z$BE-APY*LEI4+F*&P_0S \4K^9N3>LH8W^VD0'P#VJ=A/,11=4L
MRY9BM@BD/34@DJ@.U816&2>WD\8IN>9HL#JZV^4F*/O,2"1YFY5.@0R@Z '= M-S)D_N32/B^E6&SSN<@J9E;\GGAV QD/O&IX6[ZPT+4NY%4*{WCN>BRF$*'<"%=G=H@3=HACN0$_]'=IS-
WK H#<990@]),$M3/(RC8#:>XB$-@]DD M&Z#SQ?VW1I0!$0UHG UN< DH.,LF*L(2E@P(',\3Y;(T2MAD-L:R=#K%_RS-!E&03!*W,6/C M8)Q.6!HD<3:X4Q#NE)X$TV3BM9^D,2D]"<;AF)2>!#'$?
1+V.?BX30E=H _#W 4M<0W8$3'#<<<)+4,@.[N*.1>U6$A[[,*XS1PN2LKIKD7%R9EFSZU]_H_$W3* M#6*Y.L)D_8&"\P>[A#W D@8$N9LT"/5:C?9YBQ 5]MR0/^L=A;Z(KE7>JX-G MA[UA,^?Y-
RP++HF2&WY/>Y8.CO^]Q6^NK/[KJ*(M2=LQB2#M*(.H8(VG&C@?O M#E)N&@_P,4)FR13KU_';^-9D "ET32(HAC@2&8)RX"\2>CAO6U&% 9I1(A. M84?6V>$0\V?M
")G,:D_1L3PDT01_<1!%/^$.6'&(NPCO_!\#Q%&S@^"$+9K-I&WK/$3\(/164 MW=@G0112T)/IA!U-L\S%WS'>CP(/!HM @C,*/4@59__76$[&&(_(M"@8)TEK-MD2>[/P_F,'96S
"]8_<,JT*D_@GK!4'$, $615 DM_&M+[OIN-MKYO M=+ M]Q67/EJ@V/A/G?UH_Z'XRG\)??5[NOS)_1#7_P%02P,$% @ +8$P61>5,BZ% M!0 VPT !D !X,"]W,W)K&ULE5=M;]LV$/XK
M!R_,$D"U'3EQTBXQT*0KU@'=BK9,/PS[0$LGBPE%JB1EQ_WUNR,EV6D=UP.^M6)3NY,GG7DA>K8R]=R6BAX=*:7<]*+VO7XQ&+BNQ$FYH:M3TI3"V$IZ6=C%R MM461!Z5*C=+Q>#]JA-
2#V55X]\[.KSCOE=3XSH)KJDK8)0TJL[H>G-ZZ%^_E-MHO3\8C2[J4"/#_JWYG:37JK>2R0NVDT6"QN!Z\/UQ<\;R0>!OB2NW]0P< MR=R8>UZ\R:\9P:$"C//%@3]+/$6E6)#!-.S:W/0NV3%
[>?.^NL0.\4R%PYO MC?HD#RX'D&,A&N72F]5OV,9SSO8RHUSX#ZLH.SD?0-8X;ZI6F1!44L=? M\=#RL*5P.7Y"(6T5TH [.@HH7PDO9E?6K,"R-%GCAQ!JT"9P4G-2/GA+7R7I M^=D?QB,\V?
P1F>F0O@H'M!=C3R99H%1UIJYB6;2)\P\A[=&^]+!KSK' _+'^ MB"#UN-(.UTVZU^#OC1K"Y#2!=)R>[;$WZ>.2RUT)H6"#UYX MI/KR.^..YLYVF^-6>>%]D>'U@'K!H5WB8/;3#Z?3\2][P)
[U8,_V69]M<@&O-MI,N4<8U%^.C@FY.TG $=. _W;= M&W.DD8=5K4A7Z@68NC;6 UIZR9^70JK6%O@282FL (V#N\9*E\O0TXX_1E0K M) ,8<5*6< _1HJ5U(W3OXW A+-[6&VIJE #/E>
(X:"^E/@"9,!SC0,H1;M)[F M&3BYT+*0F= >2*C1C>,H)94 (:24.*P%^R3+%C-#TE^(C!9QZW6#D5ZNP619 M8T/T9!;FQ#XXT]B,\I7<<%LL%]?6D2H8EJ3B*,K!1Z M$5IJ!Z #03S"
<(#G&&AM:,Q82.]S2TZ\-=!-S(>VK^@3E@*U8BX6RLZ+M"@ M#FUQ!)/AE'8_I?@3%7DIJ&+3=,/^T>G%95B0=*.W>I&CZ]*6@ AU_VT%_)EY
M,Z=>ZG#O2N&>L[+8:G^J"D-.HG"W0R8"Y%]#I=+6E$LMG//(GPO\44'=XRSWI- M @[YCSF!VC@9TL:P-2Y$6.!2YLADD;=N]#&ILD@VPYKY7H53"GMT#4VD3B]Y M@GN:]18 _{+-
]GRK1<2"}J3SP2J=@M#:EA:&2_/ENV&5)('1*6D6C><]SN(2 MK1,J*..#I&V)PNBV%9J[M$?0V1%R2?5K&3K13RUZ%[>AULKC,2CA],.^GW&> MJWTA69-)C'D*#BDXY%$?-A)N^2'MEW3:N@]Z3-
A=DR_BF2%YM#NTO!)?BU#> M1%:?$U*WPU[,[_K@=HH4E+'? =O"Q[D0@NU_L*N. &,#7"3)(I'-%;VMYA MM)YHR!E]1BTH=4,T\+,+X?FOZ.YWQ3R"D@&Q-I[:EVA3\IYQT2<=7@89QD+&
M>85-66L"Z%B]8>.O:3DT#PAS.QW4S1 D\SX6M7M74E]82O1^7SL]MI M@F2-T20YOYALC08:G$\TVB'-O^L\-]HZ<%=H%^%:X2@#C?;Q[-V_[6\N+^.! M2>.#=2HLGP]SUDQRW9\3[T^48J MQ ?
E$FU<94G\>T>/7EQHD_SX[S7*^T&;3&^"?R#SLB[O64H+R9,(N2#- 8FQI+$ 9!AF M8&(]6=<3-U<(45\.@13].#" ,EE42VA7]E@429**Z\(\I=RH6'Y&P*.N%(* M!-*'=Y1D=E3.,S6V
M+M=A8YN-0&G9SG.&5 $.NP0X\B&X*B^U2I2'X'/B74@L)ZOVA$/(MGHL@K%L M+(4EXN]"FFNLBOD"1*[[.0}]TQE\36QH.E1EPMCT7C,BK7[7.W!_VVVP9?3OGH5+)>FQZ-B/.8ON"-
PK;H[BNVF(,QL &4]TQP0X[#K$K*(M/:B=65,+.7N=X-H> ,Q4R[6049!E8#B;F906'\E0=L(\ &_JV:.!#A@DU MF3!1,3&^'+;&-UO<4X,=[.&KPS,9$Y-*[M:6OL4P"
[0XWM@K"C>0C]@8&X_XDPG8P[L>37< /3=O=(:.[2)/^,"9^Y=L$ MMZO*\^Z$-E9YE;_]*>53O<74$[DPQ6&"?1>GK]#K:R 9BO9EG6V5UTGGY*V M* M3K$<3D{}'J.^9K,I:AOLY-+S7!
[WCJ?'G3O#A;#<&X-XVIN-AYU/&+@\#RL? MR@ @A')^/^W%B./!&@F5/.Q-QN/.#6$>L>0K0=KU_;*REGN<=;CL>19L-8]6 MIU'^]3&Z?=O^A)S79^]G\?H/YK.T]ZIP<&4)U6%_>M2M(]$\
M>%.&D_C*>)SKPY+/'F19 -^7!F>T]0,;'_YO\#4$L#!0 ("V!,%D$ M1_KT2@P " H 9 >&PO=V]R:W-H965T#B88# Z_OV^;@SF MXHBFD[T^V.(-TF:OQVLGG9SDT5IM9#XRF4KQ M9&GL1CI2-
WX(T61CSB2Z^B]\.QB202E3DB(+$GWMUI9*$"$&,WTN: M@X#E+6S^#M2O67?HLI"YNC+)KSIVZ[>#EP,1JZ4L$G=C'OZJ2GU.B5YDDIS_ M%P_^W=FW Q$5N3.;9^^GMR\
MGQSESJL\DY%Z.T!RY,K>J\'Y-U]-SL:O=P@[KX2=[Z)^_DXMG'BG\R@Q>6&5 M^,>==>G3B,C'1IW_VR;J,6O!YO\CF=CE]?FN6%IWT1GO.3R>LCD5ESKV.=K@1 !62L MNC?)/5TG,1FV"-Y4;_JX%-
F@$0@=3 ;C9$X2<(8 #VE M.)B\:.QS9 769(M=9."2) .+-2>,B4]V:N>V6;2BZ=)\3G@E>RO03"7ZQ M459'S5W0CKR!I* M^$]'XZ]%EA2YIY,8LUDHNQ*W:V/=,9N&1?V[5DF,
<(G5H[C!6DB4)*4#VE)E MA"K9NA(]0!1$"9U+!9/ NS9YN'U=DB)!YFS Y'#N-2N"21"9-2\1G M$)%8O?8$'R4EC!UHO04 MH@<0=Z4D74&L^KW0) 01II, T8K(YW1):UGA,45P".FBI*
@>24.]1$Y,3>) MCMFI,8$?A'E_^=W=NPN*3VU$:OB>>HP47D&.C^ER0G^,[F/@O(/^P="O0;_+ M8*D?\7^TEG:E6"@+/Y5\(#BR(E$2)IR,IJ>]7*ZOKFXZ7,B:X-1E1=&P*39!
MER;U@[/Q>#@&90)%(AX#[ZU",OX.$(87$<)[F3(HE[5P.B*HEC'\@)@? M/A\DD(/L3YIR6T$TY*IJ;7AV(3$J5KYBX.O/Z3B5FH4HC,A^5 UF.MNN!H"K M-,?T^$KH@GOV:,2'&(@A M7U;(GUQ53*J.'?
I^8 1+ 5N;PHJEU F54(IN1'[RY,E3U)&05(B@T IE$@65',B536G%I2DV&9>!@V8 M>C$(!AF%/T3.D"N#+,-N1,V'XB*S.A&SL,]F#DWY 4[7A27K#UN@WJ<41TH) MZ@$4R0?/BCUZ1A<1"3S-
9KRA$W# MM4K>P[]RX4-^:"GP^F1>(DJ6R)Q3<2M 0MK"3!?*B67JDA6OM6Y(# A MY*!52T.N$&230*A:4 7H NX<'LP]WAP-Q<&I_XE?DZX5FG>ZP?4G8FJX'51#
M1$B>*=ZF)4\,/(*$]"R\LAMVIG\0:Z9?BC4]T:'G('9E.#.]9G1OFSV8NFO* M8,FNW4,B%Z[?4/(RZAI]>=$HS^8 HTQVN)DLJIW,3 3%+3595NH,92J1H-)I6LV.,G/BW:[31ZVDAG
M>+M$P*JE^XR#RY,N%%DR]*XA9N\(I-J* M#8F'S%#'(HK.X99IXD+57?!TJ\[L$6%-PV_D)J6Q;FTO6)Z)4(@TX0 A7=,.6:8>M-.7&Q[4-7U//*@US9A;MRZVY7^D$+NL.V9@*Q!!$QB M\]
6?/<^U*H%M>EQ$=$;M'@94J&4^K2?/)?VO;Z@,*%>%RT8>43"$K%>PMNL MG$^FB]LK,7^!$D#="R-\/6X=C^(GS4A?G^$GWTIPL=JJ.SMP_?_7*@-O>$[MT;8W+A'VF++.;C=J?4,QD5
JV0&B%HPU^9?0Q:)W$]9K\%^%+LEK6S837V"N M\>AT_#\6=R0N#M,G3\]ZKJK&U#GYIND*VR\?_@5[#/UU6?"R'V&INNS H EP#:O(SCYEH-FS[E5F: "UC6:[I&-O79E]>5T1 M7%C:T[3MJD**]
WWV#0%.3.SAH9+>,V-A)4<#:YB*[MSN0:ITA :V70(V5%(_M>,JRH .P(W(4AT<=\ VCFT6B5ZS8ULRO4^K\()I]B+3GZ8?:Z&*#7Y')G9^: MJL=,I;EJSM?X,5K&6X2>>>ES=]F'?I^9P1892.&^?
=K#T)HP +N-= 5=(8U: M+B&,Y]6[J!SRY+Q_HN$!S3I32J0P_VR<)\"TXCD7=K 4[9W3H6MM 3MU.N^*A=8TM;WN
MV6,CCP@UV.\K7[+K:TI5FL_<2BGF!#_0)R=G0WQ;W3V0LQFLR'C69SZLRY-M)5K QQX$88CW]R6DO .GOJWT+@^>^K0[HHH6QM^^S53WO#D4Y[V20)-W#X31$)&
MD2V>.QSBC4.JCGFWXX_0B"4=T^_M,AF_Z4=RU!K_5N0N5,3Q:#*9SUJ<?7?K M%_P8:MT%0K73B0+R=?QU/90+DG=]OE/B;1Z>]AGU2;RE4Q(%(T(=,YZ H*M* MC+'E@1@Z*HJ],5J^7T"L
>:W_ DTP$4"L?[4I(793Y'Z0F,LXV]IUUU.8>M1 M8Y?!BS)-BTUK_!]RC)]GE?$C@?PRE>.SAD>N3YO2KY= M-WK/L?HKPK_I&$QN?XK57[=+N-SQ8RPN3>\?(SH/O&B.I/>'C+IU&Y,--:D7
ME^<8&Z"EXY_[IK/;IV_SZFBZ6^]@ MM)>]S7SB%<,3\2].2$W_1TA%]@A[PY@/LOGN\$%*:!CTY'OB.6..5NI,H. MT:K$#[!WU&5GG"0]#N:GI[P%]$Z)?:A(P:D!".=K'CJHH_-
EH^]D4H6$$<\3U<5FY.SB&;>?8#WQ@"3_25SK8 M+_EF^T<_]A"XB\]599.[P&1O$>,$JC@PW=K7%:+V; "(,N2:(GV20[&?5] M W32^&IKH^R*OTVCO0[2V'-
5=VM/C^[%%2T5/)1PVSEI]}&H)9:.1RJ. M!\+Z[}\A3,9?P.V,_Z9#?]<*PG+T@MXOC3&A0MB4'T4>/XO4$L#!!0 (M "V!,%EBM5!V+@(4% 9 >&PO=V]R:W-H965TFS?.C,
<'8[>N1"0X5DJ["2N)ZE&2N*+$BKL;4Z/V.VMC*T[> MM)O$U1:YB*!*)5F:WB85EYKEX^A;V'QL=J2DQH4%MZLJ;G]/4G9A/78R?$H M-R4%1Y*/.[[!)=*W>F&]E70L0E:HG30:+*XG[*XWF@Y"?
SX+O'@SM80*ED9 MLPW&)S%A:1"$"@L*#_Q_]CA#I0*1E_&KY61=R@ \7Y_8[V/MOI85=S@SZDD*.M*B?L+0.!:[Y3]&@.'[&M9QCX"J_MV^<
60O(HNXF450YY\3SL34'L"':LX5%+#6BO3BIPT]9DO6[TN_H_V((H=>' MUS#CKH2Y¥W$!6#@WSQP+Q2V*SNO&"?F< 9D41+2^TX<^>X7\#T93Z>"#%BC^_MQ2=>:R9E<)/^_4#?
1[KR!+L\$5OGYW /W(U[]R {(P+W47!>2*U@2 M)_2 1Q?K;>@&E^C"#(U6?[R1>\V?7]%[* 3.[C&GO_/X(? M7_%(,%6FV/Z\5,#U%*>&B*G$>2IQ2B6Z5$_H#0':D'_LI0*3L];LT&[B_#HH
MS$Y3TZ6=MYOQNZ:U_X8W%\0#MQNI'2A<>VAZV;(P#9#UQADZMCH*T_^,.*R M]/<4VA#@]]?&U]8:(4%W\^5_%!+ P04 " M@3!9E5_D7\X" P"@ M&0 'AL+W=O{(
MSUDFO'!2C5VI<")+PS.!5PITF>=,/<^1R_74ZWG;@>]L28T=\,>)P1*%0:2 M+(QN6.,M1Z$P*B+:K>/&>Z6)LXZN GQFN]4X;K)*EE/>VCWB CFW1)3&PX,3:Q2@TP-WVEOV\TDY:EDSOC0O)?
66S2J3?V(,85*[FY MENO/N-$SM'R1Y+IZPKJ.'=*,4:F-S#=@ZN>9J__L:>/##H!XV@'!!A#\ QAW M]P#Z&T"_$EIG5LDZ8X:%$R77H&PTL=E&Y4V%)C69L*MX8Q1]S0AGP@M:CQ@S
MW"H69R*!F5),)$CK9/3$ S2#C?:C#=N\9@OVL/7A4@J3:O@D8HQ;\ LW_H,# M[Y.R1EZPE3FXVU1$(Z7!WV+@[=*0[77*$7C\4Z M80>*/6C$GCB3^B;%\>&"W=Q[!3MA!PH>-
X+'!PM^U8YVT^_5{(2]5;_&PO=V]R:W-H965TK#C5RF MGC[T}\GP\'1,^\&'U*L7.L9R).Y M,??TT)@^/,HSH12!(1F/)28C5EH"";:?*_3SX#OZ,F=.G!GU M4R8^/>D<=" 1"U8H?V-6?
XK2GWW"XT:Y\!]6<>\^;N:%\R8KA=&"3.KXRY[*.H-+0$#@:O^(Q*@5&P.RH*5GYAGDV.K5F!!=V(1@_!U2"-QDE-29EYBZL2Y?QD-M]=:+-B1GVL.4U3 M!U]U(I+G\GVTLS9V5!E[.MH*^%>A>K
[[,)H,.K;@K=,.[\\'9?P=OD*.I MW'F+9/EWD\,1,V\S'A70H["I4]Z M73AC<])[AT9E$B&[N(?WX,/[=P>CT>#HY7+X/#SZV(4,H79N!4_A*Y6X-5IR
M]T*XVM((G2$9O,"YE4ZW/ULK1&9\=2:Q0((2!MEED23"]J0X28BJ[4.*6 M?Z:8Z02N)+=&L7G__)\;N+P\JR6JA6;[*C5*K7?,2F.073%W,I&,PO9*\&&J M%,8=C2HSA;U*8690@#0CH[5CH1$Z2-
FC@+D0&@0%58=$2OT\[[TMC-VO&;N_ME5;G3%KXP50AX$HP5]C C]^E[AMT/ 8=6:,,#?M:OP#PLFDU<6(^SJD5]!"EHXZO:1<,!=HC23A1 *$7YE")1A/G%%1BH9OW'GQOUDH\G+=4J95/:#-
#!,H&-1)K M,MR8"#QN).22,X7E1.]5*A&C#?X2$'=6H!CO(LL#SWO4NM!ZOT(_UGDLG5(R ME #'4PQ1GUQ>8+F9%;4WXLI.3'L=OD.X%(}"P9 *=#@Z@K\+0Y*!!0Z%+4@R
M&NM(#FM2,.L=IPL/6TQX'44C\RE%&KC2^C8 MHS*38-$0@8FUYD/PI@);+<,F\>U:QX8RI"3<_AQ#F!"_1],.L2%YE&.L=JO8 M_&BT5P8%FFSD8VV?T8&F4&5&^P,L=EFYG,:3P-
M\.2QKD\>P=3OW)LYUDOY M<;<;,,29M6%(LBQ.O9*BL<'ZK:.T;-@0#G,QHYRY-&@+#^*AD&@NI;+;S-78 M=*G=9<;JS?P4&2 4X&;##,)L&X MG@3CK5WZ&Q[/VZB$V<1!7,42FP3

M(FEORI^9!"PQ.<;K$ '2X*1Q;JKSX=;DDL/N:!Q. M46\"76*:/785FB^F4>141DT)4 >UY[.[L+*SN 3GJ/$,LRJ&Y$CPTA!:07Z;@R-/3H 9?T/0W*?\<#GHF$W#+GIH ?-K; MI+?9V=;7W50$_=:]*Q-V&6Z7#D(_XQ6L_EI?8*?QWM9LC[??*V:7V*!!B06* M#GJ?\-1CXXTROGB3AUO&UL?53;,MLP#*WO5Q -> .FQ 5U^27M8E!N)TQ3;@:1=%VZ\.P!\5F8B&R-MY4ERT_[}*.GQ4L_-#-@2Q7-X*)J<,*1:ZQ+1P',E:CT-2F..BS#4>8D5T\>R MP9I.EE)5S·!6K4+=*&2% U4B3*+H.*P8KX-TXFRW*IW(U@A>XZT"W5854R\9 M"KF9!G&P-=SQ56FL(4PG#5OA/9J?S:VB7=BS%+S"6G-9@\+E-)C%%]G8^CN' M7QPW>E--K+\,OL\0R,/D\X1RL^R]|[[NAY:IW#^>M%B#1 (G3[0,YE9?,L'2BY :4]28VWM'I.C2)X2L#MRKU1-M=-]#D]02P,$% M @ +8$P60<1)M;" @ &UL? 51=;],P%'WOK[@*"(%4EL]F'[21UC$$B+%I&^P!\> FMXTU)PZVLW;_MGFLG#47J^N+/>\XJU_;Q="W5HRX1#6PJ4>N95QK3G/F^SDNLF#Z2#=:TLY2J M8H:F:N7K1B$K'*@2? A0$J5\Q7GO9U*W=J&PJ6R-XC3<*=%M53#W/46CG7PI9EY@!:' W%@&1MT37J 0EHAD _DYO2&E!>Z.M^R?7.U4RX)I MO)#B@1>FG'DG'A2X9*TPMW+]&?MZ)I8OET*[%M9=,#KQ(&^UD54)@45K[N> M;?ISV &)X2_ESBC:Y80S MV7=I$";P'L[S7+58P.6&[ENC!E87<&U*5'#1*H6U@6^<+:,C@AM/NVWNV$*C? M37U#*BR7G_<9YUW&Z(6,IW E.U-JN*P++/[':^Z1^*=":EC"/#A)^;<41Q.$8 MHB!*#O#%PY'$CB\^<"0:NOKVE=>AD_UH:Z(SW; <9QZY1*-Z0B][\RI,@P\' MM"6#MN00>W9'IBQ:@2"7PXWM7LLO)QON<6-@+F3^^'M?!0=S[*^ #OEY..31 M=6[D@EY&OQ"/'LC &AKV[-*_AF@<'9^Z/DG#T5:IPAQY8S2$XS2(J0WC<-2] M,=:'X/;YT6::P.E),+J7A@E-9)-QD*34)^/)<03[3M/?,4*%:N7LKB&7;6TZ M3PRKPX]RWAGI7WCW'5TQM>*U!H%+@@9'QV1@U5F\FQC9.%LMI^&3NF%)OR(] M&T#{2TGQ}) 8!,,_F 7%4$L#!!0 (_"V!,%EAE<)ER@(%P& 9 M>&PO=V]R:W-H965T[S_?YN(_12]JE MSA$-K-M1ZK&7&U-=^+Y. M>O\(^:8]'LG:"%[B5(&NBX*IEPD*N1I[76_C>."+W%B"X\JML 9FA_55-'* MWZ*DQ;!28 M"@8FQ"(Q> M$WB%0E@@*N-/B^EMC{2)N_8&_8OC3ESF3..5%$\\?G8&WJ08L9J81[DZBNV M? 86+Y%"NR>LFMCHW(.DUD86;3)54/"R>;-U>P\["&,T'UI?;.2 U 8U(K;CCJ M$Z9)F*@T7*.*N'8W3^.7+$%65D T#8C[_#.+M.W,__& ?,\F?V?B"U0+IVL: M$EF7IAG^K7-8KR&-[I[Q]2*$SN!&-4#U2C92,K9=V .V?RCQ7U!+ P04 " M@3!9BF^A#_#;!P M&0 'AL+W=O/>==9(9 MP : __'DP.[G&MHH'1O7I1ZZF^_V=T$@@0@2#M,$R#@O'2GTV<;*EF$UD9P4M<*M!543!U7*"0AZG?]T^"![[9&BL(9I,=V^_* MS1^[!:)=T&K)>8&EYK($A>NI/^_?++)[WUUXXGC0;_[!,GF6\L5N?LNG?F@=M0H&9L1H8+7N\12&L(G+C>Z/3;TU:X-O_D_,/CCMQ>68:,Z7XQC.SG?HC'W)< MLTJ8!WGX%1L^SL%,"NV^<&CNACYDE3:R:,#D0<'+>F6O31Q^!#!H /G=VW(M>?F)&3:,*'D 96^3-OOCJ#HT.<=+FY25473*"6=F]](@#*$+*R.SEZXEF,.M M+"CIFM5Q*W.X^UYQV$('R'] M#5/$XZ'WB>YXCE=N1H\@AK_KQ;M[W5$CDWK!UXZ\V=+BB,#5$9G2U]Z0KM4/MWWN2@N@*6[1K*EBI(.GW{JLNB=UZ(1-)FXGD:Z'=@;B>/ M=>7'XGW1ZOGJ^N:&#^,>?(:*9JGG?-,4-%09UPA+Q3/TOE9&&^IG7FZ&;B7 M>R>44'=.1$,D[C3'Z7P =)>&'M-]<"&.-G(#^*D$X9].HYLC$_"V!C):8I\ M@&XKSUB9T,0E^54T[H3C(5S3^:@71NT5^=ZA4^6X/H9Q&A(}$S2ZX_^;$(SE5*\&;@%J@V M[EDAQK(J33U[6VG[]G M:>@Q<+],>GU1V0MTOI8TK9J-=""^Y[._5!+ P04 " M@3!9T08V&5H$ M #9"@ &0 'AL+W=OM7 M# 1%$0 ,+)*B/E+,0 +MHBF-$BR[:'H@;9I6UU9=$DZ3OKX.Z1LKP XO=X> M>A$_9 C>$!N*0;4VG^Q<+0Z&7JL&5J38+Z7!H M9EV[-$I.@M&B[K(DR;H+637QH!?F[LV@IU>NKAIU;\"N%@M!7J]5K=?]F,;; MB8=J-G=^HCOH++5,/2KW<7EO<-3=>9E4"]782C=@U+0?7]'+;^'WAPV_56IM M]-K@F8RT_N0'-Y^CG'A JE9CYSU(;)[54-6U=X0P_M[XC'=>L/]_M;[A\ = MN8RD54-=_UY-W+P?%S%,U%2N:O>@US^I#9\ <*QK&[ZPWNQ-8ABOK-.+C3$B M6%1-V\J731Q.,6 ; Q9PMP<%E.^EDX.>T6LP?C=Z\YU-5@CN*KQ27ET!EY*C6ME.K^OP*&_0'6_<7K=NV1?W\&,S49.W]EV$N,/)MCBOV5&'/Z_J"^"4 $M8>L0?W 'FP1_PMM"R^0 M0=8Z/6SM*^72+N58]6,L!:O,LXH'WW']L^2'(]C2';,TF/?!(U;>9%4KT%.X M4, ^J62D8O<*M_$L,& 9.*&/]U(-:.N.J9K9-GX4_B=X4B\,KFL]_O3G(7I'_M 1RF]S0W2KU)*V!27GU2HCMT\(4EGR__X7N]CTWE<,^CDSX)[X *DN;<=S@I MAB&)PFP/,'IK63I7JIQAJU?@X<>'15U_"KFRL#@C+(RA2WB;+,;R[R MB!*>\6"80TI2D8&@C.71DT;G T+&"IZUZ#/!/.B,I$GJ06>$H;LC4A [*8B3 MI;"MT,J]}WZM5XN6PW7&:!HZ>?%@##Q\P TV#-ZHV4:M$&.)9""::2S22ZE4E MMN>[D$=GOVAK.U U8RP$&"D,@F\..:T>$IP(*'"'=@B0BB.['?+,"BR>44T[*LMA$JBVIKT3*(*JW MH>*$)CY&O,C@K,CS$*YP07PM3ECP%.^,TD<*[R \^S^GGJ/OEMI9E5CH593-$TN&PO=V]R:W-H965T:<&%3_W+P6>^/QA[M$"[G#=O# Y@_FHW"7=BCE+P&H,D41,%NX:_HW3JU\D[@3PYG_6I-K"=;*8]V M\[Y<^)$U""HHC$5@.#W!/525!4(SOG28?D]!%5^O+^COG._HRY9IN)?57[PT MAX4_]4D).W.J$&=Y_@TZ?S*+5\A*NY&<.}G(\)5)&UEWRFA!S44[L^?N'OZ/ M0MPIQ.[NELA9^0LS;#E7\DR4E48TNW"N.FTTC@L;E >C\"]'/;/* T0&I$Q M>2\,$WN^K8"LM :CRS4.#3%8^+#K4=8L. P2]C'R0PAPT^5644'ZO M'Z*%O9GQQTKN=.+QDP&U-6O^NN==JI}>U;:'<MZ885L/"Q$C2H) "7/_U -)]'/[:EO6WI$/KR 0NO/&$8Y(Z\XX(;&%>8N25A MHL0H81^E&!>R;@ 3CNT5):V(3>@#U""113N(@F^7>FA7'2N[?N$21 M*+[P)'%NOR$.E!AUDSDL M]AX5*T&P&M[B]Y=#@QO5W3@$GV<.?CJS\$$:9ZB24>IME&P4!X./F9E<1 2 MK^GEFC\7/AI02^BF(<9@,DT<9S# T#=O&J0T[.@SB+O41I6:=L$/3.VYT*2"':I&MWGF$]56VE9C9.-=\JTTF.9N>M MVUB"OKTOOP)02P,$% @ +8$P6=T1*\++A P 8PD !D !X,";JW,W)K M&ULC59M;^)&$/[.KQBYO2J1'/R",3@%I,#UU*LN MEXC0GJJ'Q8SX%5LV]W"9)_WF1UPQ%":.+[8N^N99YYY78^V0MZK#%'#8Y&7 M:NQD6E>7CJ?2# NFNJ+-'DKZLA2R8IJW<>*J2R%96J^TMG8&3JPPC6K3>&+,N/3+/) M2(HM2"--;&9A7;7:1(Z7)BEW6M)73GIZ\E5HA'"'YB)HN":XJT5G"W8,D=U M/O(TV3"27MKB31N\\ V\!*Y%J3,%OY4K7+W4]XC;CF#X3' :G@3\H\Z[T M< M"/TP.H'7VSG8WL2[SC;12817V0)*,9/ M)L:=KP3PQB<3?O/H[:UN*I1,\W(#N6$,J2'^,PRBA)YQW*.GZ(;!P+Z#,($3 M,>KO8M3_GQ@IA10D&ROEPHW.4,+GLIE/IM'?%[G35I[=ME77N4FU6)*5]J#7 MN:NK*D?3*RR'&5,9?*+HO9I=.Q\NQ#KBYHBPX@T]958:IJ3%%9> CZF&ZLW M"*32QD\L<[ZQVNKR,+C*!C8T@76C0=+Y9N<-05TT]D!S!S.',8"-O0T/^R^(U MR!E9+FR"SR'PHVX<4/=*W3!^#?B1JU34I88YT_@.*>XF"7PPKQ@=CALOML M_*[$_C#4ML,7SI8\Y_K)2!U@B7#+^,J%:Z9K2:?OS/=)X\<[Y6]D$K!<&2Y[M)= Y8*AL1\ 9)32OK'7]VJB)LM'?:R.,3^FCD>#MPD M\CLFM,"+JM:V]@$J5'!FY(N3MOD:A'?3>.HLX<*R&-)*."7<-!*QSZ/JNE-M)%M@=$SWD88X&-MYFT!NBSAPHV'P:G3LRP2)&Y#W+VD=G1W>WL57H-S8ZUV! M+=OF#MR=[OX@KIJ+\X=X_MQS>2&EXKHK$G5[PYH0,CF2F\V6E3V&ET*39>R M76;T%X32" -#WM:",I=T8 [O_JLE_4$L#!!0 ("V!,%E'@1Q6OP0 ! C M 9 >&PO=V]R:W H965T1P3D427I.P4V(=?4E)T<&762B?8F\22 M.=]0 W!(CLS)CO>GL0:0Y#F)4S&UUE)NQK8MHC4DH3AE&TC5-RO&DU"J2 YH MBPV'<)0;J0T[.@SB+O41I6:=L$/3.VYT*2"':I&MWGF$]56VE9C9.-=\JTTF.9N>M MVUB"OKTOOP)02P,$% @ +8$P6=T1*\++A P 8PD !D !X,";JW,W)K M&ULC59M;^)&$/[.KQBYO2J1'/R",3@%I,#UU*LN MEXC0GJJ'Q8SX%5LV]W"9)_WF%DQOR=Y^&V;N4-^(H=)%"9J 16N' MMGY=X)E?%_1/)C.P=VA07S*@TH*2=B@U"\7MQB_*@\>\Z,5@N3#O?@9M[I, M'=^XR@\M[_V_=L=SM^.^[XZ#XG!&C2_.BMR$_)&F@L2P4JZ$2N&Z@OE\Q)E\NM(/J$,SL&U!+ P04 " M@3!9M^2G]^SP@-1^)&^Q'D:E0?[H=O'LN7!^ M*,/9A+,=X;JUHND/N?JYM=*+IGJ@W$NNOJ7*3LX^,0G$(S^1.4LC2"4/=?P$M82LRY["DDMQ1\43>^R!#&@OR&9E%L8?R#M"4W)#XU@WG]A2]443[.CT>UWX M]0[X'9 ;ELJU($&ZA&6'O6^OOSSTJ#2@C0148AKSPC\+8M/R<-](0[C#O_O0T:_Y\9A!UV/A]"X=2];X@RJ43+(><,#O'DHUB?D(;6IR-2H(%<) MRU+9%?6"!;L&8__N">.3]W MZ7F$PP#)84NZ827="T"C=%\K5K"@$F8><4^#DSQM(%L#_ZE+/B,JIS!P3YF/" M B18*QZC*AXC8SP^95K]?'[+9U?@G;-7 1DUA]7>*#:ZZ2LO)BQ @K7D/:OD M/7O=<"=?*\;:TVQP#2:W<$6T@S(BK-$ U7M(JF61,FN"=>01FNULWDRIL.Q MJWW3"1/F8\(")%@KWN=5O,--*_0GE";H'K>VJ?V164@G?9R"SGU+W82Z[. M1EZ[D7\+3!V_Y7B7%3B7+QU,EQ%D5YJA2[V%^ M&=@[-)D7\,%V1^3V'N4^(?=V]NA>5%] 16N' MMGY=X)E?%_1/)C.P=VA07S*@TH*2=B@U"\7MQB_*@\>\Z,5@N3#O?@9M[I, M'=^XR@\M[_V_=L=SM^.^[XZ#XG!&C2_.BMR$_)&F@L2P4JZ$2N&Z@OE\Q)E\NM(/J$,SL&U!+ P04 " M@3!9 M^2G]^SP@-1^)&^Q+D:E0?[H=O'LN7!^ M*,/9A+,=X;JUHND/N?JYM=*+IGJ@W$NNOJ7*3LX^,0G$(S^1.4LC2"4/=?P$ M82LRY["DDMQ1\43>^R!#&@OR&9E%L8?R#M"4W)#XU@WG]A2]443[.CT>UWX M]0[X'9 ;ELJU($&ZA&6'O6^OOSSTJ#2@C0148AKSPC\+8M/R<-] (0[C#O_O0T:_Y\9A!UV/A]"X=2];X@RJ43+(><,#O'DHUB?D(;6IR-2H(%<) MRU+9%?6"!;L&8__N">.3]W MZ7F$PP#)84NZ827="T"C=%\K5K"@$F8><4^#DSQM(%L#_ZE+/B,JIS!P3YF/" M B18*QZC*AXC8SP^95K]?'[+9U?@G;-7 1DUA]7>*#:ZZ2LO)BQ @K7D/:OD M/7O=<"=?*\;:TVQP#2:W<$6T@S(BK-$ U7M(JF61,FN"=>01FNULWDRIL.Q MJWW3"1/F8\(")%@KWN=5O,--*_0GE";H'K>VJ?V164@G?9R"SGU+W82Z[. M1EZ[D7\+3!V_Y7B7%3B7+QU,EQ%D5YJA2[V%^ M&=@[-)D7\,%V1^3V'N4^(?=V]NA>5%] 16N' MMGY=X)E?%_1/)C.P=VA07S*@TH*2=B@U"\7MQB_*@\>\Z,5@N3#O?@9M[I, M'=^XR@\M[_V_=L=SM^.^[XZ#XG!&C2_.BMR$_)&F@L2P4JZ$2N&Z@OE\Q)E\NM(/J$,SL&U!+ P04 " M@3!9 M^2G]^SP@-1^)&^Q'D:E0?[H=O'LN7!^ M*,/9A+,=X;JUHND/N?JYM=*+IGJ@W$NNOJ7*3LX^,0G$(S^1.4LC2"4/=?P$ M82LRY["DDMQ1\43>^R!#&@OR&9E%L8?R#M"4W)#XU@WG]A2]443[.CT>UWX M]0[X'9 ;ELJU($&ZA&6'O6^OOSSTJ#2@C0148AKSPC\+8M/R<-] (0[C#O_O0T:_Y\9A!UV/A]"X=2];X@RJ43+(><,#O'DHUB?D(;6IR-2H(%<) MRU+9%?6"!;L&8__N">.3]W MZ7F$PP#)84NZ827="T"C=%\K5K"@$F8><4^#DSQM(%L#_ZE+/B,JIS!P3YF/" M B18*QZC*AXC8SP^95K]?'[+9U?@G;-7 1DUA]7>*#:ZZ2LO)BQ @K7D/:OD M/7O=<"=?*\;:TVQP#2:W<$6T@S(BK-$ U7M(JF61,FN"=>01FNULWDRIL.Q MJWW3"1/F8\(")%@KWN=5O,--*_0GE";H'K>VJ?V164@G?9R"SGU+W82Z[. M1EZ[D7\+3!V_Y7B7%3B7+QU,EQ%D5YJA2[V%^ M&=@[-)D7\,%V1^3V'N4^(?=V]NA>5%] 16N' MMGY=X)E?%_1/)C.P=VA07S*@TH*2=B@U"\7MQB_*@\>\Z,5@N3#O?@9M[I, M'=^XR@\M[_V_=L=SM^.^[XZ#XG!&C2_.BMR$_)&F@L2P4JZ$2N&Z@OE\Q)E\NM(/J$,SL&U!+ P04 " M@3!9 M^2G]^SP@-1^)&^Q+

)>4=N%(_NWFF/Q&3),TP3R4I'YS&Y^KE-U"_RKV"%:OPO4>1K48Z^;I54 MN"W)U^3U1U L2>4,?/Z*V$1NF YLQ7;JD^TH\JNR|(N|PF[0O*9YVHCR54> M0_Q8WD;&&M1]+UT>Q5^VJ8C,G;>$I>ZWA%[EOWB7_AN1&@I/NXQ9US[?6ST M>4_H;_CL;>4D\CK)J^&;8PXK%?I&H7X[=XN)[SG38&;OFAR]Y^I;X4(6+(*Y MA:^]!+$#;_'G'TY W_=0>365-YQJ;UXA3">V X%7 H%[$%$B@10BB<#@QCQ- MF9"D %&B'R4O#YTFR/V1,YUQ=S<%(^K5FQ[Q^#6/W\]39?@:;$Q)AD;*[T3* M]7Q*G9;%O6>?&;F@)@M.(WNY; 6=0(Q"?9>ZYXDG]3LDU[VJPF(#7@G,)W0.A>SKAR]VPU>F//XA!.XW[M;3S7!X<"QWFFPJE\L -IH+&,A/L"]W><*<&Z6!T>]6_]$OA?H0NPQ\>^H?9Q# M\>,\4_T.(7[!+#A6%M%V6=1O\ZD^L1N=1@9B;1HPO)?Y-E=ETU&OUDW>!]/: MV(?M98?XF8EU@MY*886B=#3!\(JRZ2HGBA>F;[GE"KL@,]Q@HPI";\#G*XZ] M2S71!]2M[^)_4$L#!!0 ("V!,%D$S.Z8[@$ /D# 9 >&PO=V]R M:W-H965T$8;-H-ZX . M0;)NSXI-VT)U\20ZSOZ^NCA>"K1]L46*Y_#PHGS0YLFV $B.4BB[2EK$[H2 M6[8@F9WI#I2[J;61#)UI&FH[ZP*("EHEJ9?JG1<)44>?!M3Y+I'P15L#+&I ME,S\6X/0PRJ9R?!EC@@;F?@>X!2$\D9/Q=^1,H0>>'X^ ML7\+M;M)LS"K19_>(7M*KE*2 4UZP5N]! =QGHN/%^IA0U?,L38Y65"RMZB MEB/8*9!UP'9",B"[@HJ+QCR(KB8\Y19?3(VDY M\]%C?_8&_X(\;(6M)5!5!=5+/'5:)\'92? Z>Y?P1R]F9#'_1+(T6[!#MY@: ML A\R[<:7I,L|&*)KLH5.&V1[:=FV-?]C707@WT3Q_D_/#Z*!V8;KBP14#MH.KMT>4U&PO=V]R:W-H965T-8@]K3P.=TES OH$|& M^WB"%H@!(.\)?L,;E4V:HX*FN$;!\B%J<9_RTVU%0.9M5C@%A3K=DX;QM]NCBV5O)L!JG6*6>_9Q3^*Y%A1UDA:VH;DD5>]/C M!+]^Y8[TQ_T25",ZYAM5-A'V:YMV&U4U$S#&A[OY,@K! M8CE=1@M9G(-TL;E?TWV\1F.-]HH4D>3;[_#KK&CS+WJ@+58I%BL1;-7";_M&CB7^ZRB.BT'V9[5\9B$906.T_%9'V7#P/8[/NNC"-P;/G/W"9&=S#&V?1R N&DYE 0[R7FLPE6*A2K%(D5@K^5Z3?.lR@WF]\[!UCS/X?$DH@G;TM&H2T(S-/D9F#D4VS#"QB"2* MG__XZ:X .WPH&$GY\>/O6Y2O$/E'&O2@[*NMIU(M5*H6J5)K%^C4_<.WM/\UMM]4EP6Y7)@&Y@=VU7Q\$';_;E,E0GO-,4P9/W3\<;O_OUW%]E&T[;M=Q?91CF5W'Z6<7 M,3DBN_(&C(*UV,JJDW8SVMRR30(" #_OL68/;V("9J[RLE_ M4$L#!!0 ("V!,%F*3YJ^(P8+(E 9 >&PO=V]R:W-H965TN M$'2;@_#'F2; MMH5*HB?123OLQX_ZL&R1K"S/S$NBCW,/=>^YI*ZN.7ZAV==\30@#WY(XS;\' M:\8V5-A/E^3),S?TPU)^9TES9*0\=-L-M>\@F8[IE<922APSDVR0)L^^W)*8OUP,XV%UXC%9K5EP83L:,<$6>"/NR>[>Y_;R4&8+L GMB89>"1Q MR,A"R?W6(RR,XQP=\^7+DP?>OGD\WH H!9_7=)MSCGP\9-S!XC&\\]J9V\H9 M] -G,+BG*5OGP$\?9*&P|[KMW0[|(0|L$UVTB^XMZB3\;1N_!QA> &0@4_$\ MT_[F6.7.>:/[YXT>=)M_FK-.\[MN\YM-QLT-E7E+"MPD.B[YS!\E.L_DO,AD M55I5IG9I6BS>SO-H.|>@YV\O5*@+-M";90GHTS,-.PIEA=1EHU< 15TA:3\ MI;IR33@GUP/^&LI}DP&DY[,^&LI)DP&DY[,QBRK>FLA:T3>;Z)N=T:\7B+4$EB"7%Q\,.H(<* P4U M9 QTI=FB(U$O8).!T_50A-92PN[T<+NU.(S96$,PCPG3#D7;"D:(^C8AA!\ M!)#.2_07^!8\!F-(TY=4O7VF*Y)Z&LYB &O[A9!9 ,Z"]8'>.>V)63762M>3K)?)UD@4ZR.TUDK;1RFK1R_G_1X$B3PK5=\94D@Z!A06'I\F04G"]2)K"40-/8?CX;>]J'F.PR1A41)5"!#K.(4(&A#\<6E0IE0>"4% MW5Z>*HDNMK8F!Q_T*SJH38_#(GI8DL20899"%N.*$,O-K\?6]#MVLE"'!NT M'6&TCS ZH]B8EDY;LL0H(/=ANEV&<[;-BK-BCO0J.IH?X=2Z0RN;IY7-U\H6 M:&6[T\763K1]RP*>T;.H;=NE.W;%;2RC+(BEQ51&\0\UQ%GL0Q#T,18G,5: MVQ:ZV-H.[!L7\)4[%U#N)"""I3%2 +DUDBC+)*.R(5:RI576JV="UUL;8WV MO0NHN7D!%0T%B$5-%"!9$ADDM?%\0B/Q+*PV\>3%7F-!@;<=S#@>2T,*'<4 MH ,A$B50P$;8%# ^?^K'Y_=B",M=.%N+8H.T{QL>L+OCL?M-Y9%LBEQ/5Q?\ M<$[3>526'1\822[E&;\;L@(^$C3O+;H++#NTMCNTLGE:V7RM;(%6MCM=;.W4MVC<|X!E=#RAW(<3.XW&(=QSB'X<$W7Z<'/77:\; ?;<#OG*[ZJ;%')!&QE MB%UY%UXZ&)K_Z"[;WD@S2T/)+<@O ES':(=A_C'(4&WM;Z+!#)"'9JMS\DX,YW::L^@V]N=IL,+HIM]4(UV_AU10JKGOPRJ^V#^WIJ]U, M]V&VBM(CWB"9M4&H>]$T4VY/V5&&:-)>;@FX8)D!8#?7U+*=B?% M ,TVK&PO=V]R:W-H M965TY2XMH&XALY!=H-DJ9] M9J21+90BO205>_OU)2E%42U9<-OXP1;I.>=P#D=C:KQC_)O8 $BT+P@5$YLC MY79DVR+90(%!=L"57 !4Y MHXA#-K&NW=JUOFX$L..]&Z1CJ31\:^Z<%-.K$U#"Z!X^@%>#? . <$1@%\#_%,5@AH0 MG*H0UH#P5$!4 R+C?666<7J!)9Z..=LAKJ,5F[XPVV70RN"@*O4,W-&$%H,]X#P*=+4#BGCT&?:RQ.2M"GBX7Z"SO]^.;;:ED-=A. M:HE9)>$>&PO=V]R:W-H M965T49,+G M)4KE![XOHP12(H]X#IF^,^8B)4H/Q<27N0 2%Z"4^6$0QFL%0(#E-4R*>SX'Q6<_#WLO$+9TDRDSX_6Y.)G 'ZFL^%'KDERPQ32&3 ME&=(P+CGG>'3 3XQ@.*);Q1F8'9$3"(E*$@^N,1!L"8 M8=+[^+T@]BQD1"0/.OM-8)3WOV$,QC,F4J5L^^PP+02W#M%W$FB[]H-G^VT_)0-)6*IPNPWD%*L_DG>5H48@F FVL X0(0;@MH+ "-0NA\ M9X6L"Z)(OROX# GSM&8S%T5M"K160S-CXYT2^B[5.-6_Y@H0#M ANLP4R29T MQ "=20E*KIP[N!%*)/O7,&0",A4 H1&]1$]T?:7W8UC];+'V^7SM<,W.7Z;L M"#7P>Q0&87,%?&\ MH^,BYZ*4^2]<%)7H2Q%)6B+/B::TN1S-01?D,"{]#^K M%OSS"M(1B%^KY%GY3 .>RIQ$T/-TATD0C^#UW[[!>##*K&.R&K2&Z7TAE7Z M1ZFH;@F($:.C0 <_@(B5AMI6NA9 ^4J=7L :TJ:I9*FE6E0M P(= N,F"* MF="\B4Y>BX,=9.@RTMNP^RIN6XU')LI;H1L?:5"S04/)[. M?]L/2?3^&37QK4NM*N_CLAJ-3DI:W+BQE\[#2Y,6B5N=UQ-!PZJ@!$X<7>+ M[K6OM*N]KMCJ=5D*7MB-PQMXPO4=O ^RKJ,*3M@>GH9:R7)'0<7V_I/M"ZGBI*87N66N7I-EWJ-#VY8JO7H,I/V%&VL"# MFQ9/]X'6]50I"MMCU+T@,:IDH+]U<9.5;PM(^TEI;V@M,U M5'D)VP/3/41)QO4/Z//A.9%.UK_OZ59OG:8D5VSU6E0Y"3L*2AMXK%^Z^T#GM>ORENQES+G0%Q(1FC8:Z[@R!PDB?E1TWR@>%Z%>4#? M'W.N7@;F *@\\.O -!5!+ P04 " M@3!9QS:$"A\# ?# &0 'AL M+W=OKRF2T2#GB2@2]J>XX3VA$FL=5M M9V-WO-MFJ:0DACN.1!!%F%O@;)EQW*MIX$!F7 M+!,202P(BQ&'<>Z<,J[;@;(5GPCL!25-M)61HP]ZLZG2<=RM'*@,)::.JO' M GI J692.GX7I%894P.K[2?VZ\R\,C/" GJ,?B<3.>]8+0M-8(I3*@=L^1$*M0PW-V949+]HF:]M^!8:IT*RJ K!1&)\R=>%1M1 ,C!#H!7 +R7 OP"X&=& M'^%CMZ^;]M2A=5@>UR$N,Q#>#M"?$[I*?+= M8^0Y7E #[YGA7\>RA/N;<%N9+1U[I6,OXPMV\27 L23Q@#-V"RO\QRH[N"9N> M# 6@"R% UGG,2<,,5+\;BZ[;\)W -<9RVO:BZJ5L8MLZJ"S=T^Z5N?S_=MP2/ M""5R72 Q="SUE1# %V!UW[UQ0^>#(15!:2DX MT-(QZJ6.VWXEML@W;$=)VTVC[%M2[KA*X=0\E"'!+0)9SND:#'>>ON7VNPNW39PQ^H+56::UEM-8G M,8G2R)A'(\.^>7PEL@VS0Z79LV,R. !=QY0#ZC+C$3KZ 9C7WF+P*'Y.*V"= M=R/N0.^N_?^=LRIQJMG4VVFV#?7K\6V:,A2L+C _)=W/A'&=+.&B=@>,T'UW MP*Y4,[IT[F,^({% %*:*WCEMJKN!Y]5HWI$LR0JZ$9J,/,R&PO M=V]R:W-H965T3NFFVUN;4E@"/W4B@{MB4KGJC&E=E6"9/985Z#P9:V-9 Y%LZ&V,L"*)*"\)H/!B$K&591GO,;9K M)[B"I2&VEI*9/U,0>CN)XFBGN.2,TGD%S,.*;> *W'6U-"C1CJ7@$I3E6A$# MZTET\H\7J;G?A,;K2^]<+G8A(-?$ @8.4\ /C#F8@A"2",'ZW MG%'GT@/W[SOVCR%WS.6&69AI\8L7KIQ$'R)2P)K5FPWEJ[2=H\SGQ?"LM;/@E MV]9V$)%5;9V6+1@CD%PU]MOZ['0)Y^0-(^DJ> X0N M 6D_ 4@; '#MWHX M:0$A==KD'@HW9X[EF=%;8KPULOE+J'Y 8[VX\GURY0R^AW-PC M[A#;75W R>'!$#@A7Y$>I M:\M483/],"[/3E=M# ,FAN2%&%)RH94K+5FH HH> _/QU_ DK>(KUZ(J2{(HR M35XE_%*+8Y+&[T@R2(8]\#D_[TOD_[XM_]OZH&&G7(6G@&[[ ]])(G3" M2EO7]XT;EE%@\=OI+C\=GF7T;K]NSVU&H_2QS?RY39+$IX^-%CU&DJ#.6-=CCBX5KBF@?C#?!]K7$P6\$[Z/XX\K]02P,$ M% @ +8$P64G4#-9] @ A08 !D !X;"]W,W)K&ULI55M3]LP$/XKIX@/K;0U+PTM16DD\0>& -.*L7TVR;6Q\$MF.RW\ M^2.$ R IK.TW[$OOL>QX_=Q>?LXU4C[!"-/#$F=#SH#*F/@U#753(B1{)&H7= M64K%B;&F6H6Z5DA*#^(L3*)H$G)"19!G?NU&Y9EL#*,";Q3HAG.BGL^1R83=O%X@85DVG]AT_E& 12 -I)W8*N 4]&-MY*G+PQ8@GNT!)!T@>0LXV0,8=X"Q#[15YL.Z((;DF9(;4,[;LKF)SXU'VVBH M<%6\,\KN4HLS^5=I$.(8WL."_O+F!P (0CH *^5,+11)0Z"XW5Z$X*BT[/>:LGV:.G!E=2 MF$K#!U%BN0._(R/DP,$H4U.GZ'D)4/GR4'&SPT;P3A^!TF4I+L$'89?%Z;' MCP_(&?<%&WN^=!]?CVWI/VF#@?T6N:U8M#@?T&N\!;?<0E9/"OL37JB(;6'KF+54@<\!;?O?P.\)$?#HU1KS%R M:ES74IKU1)60S3LEMLCL#Y)H*Y@U2\XHN;>,;@J32]KFGQTHQ/$<#R1&(QMP MA-^T$_H<8\>GUJ>V110/.**<##TW)GZ3,]G/?C,"?[YUPR>C0W.?G_(\G2*?CST/1D^!,_69X%D)/GIT"GT^!9V/+LRP=@##M3GPF.@^<* M&+@?EP+, 6BK04X6K6!JBTOG PGN.<[5<%#%\>E''FW;HLV[HMUN,%57M"?%MX?'RI%9<#,4Y)S]7W',EQNY2 -!&40I17M395EY9FH4#I23GA2,ZK-,R2H9S_MH^,BYZ*+W57WZ/:$QX5R:G]R!J5?/ @[&@/[I^(W-%2F8=G:](\5ZEQ4[9G MX,:A1=4<)^^%-H?3YK(PWP\@[0#3OQ7F2-DU[FU_R)9_0M02P,$% @ M+ 8$P64^S<[NS# ,ZD !D !X;"]W;W)K&UL MO=UM4Z-8%L#QKT*Y6ULS58X&DJC=JU9I>'Z8[M*9V1=;^P*3J[*=@ -$G:KY M\N((2BY0N]_UQ?=&G-^]T(\EPLYN9P^)>FW[%Z(7'E>+>/L;.\^SQ\^'QYF M\WNQ"K.#Y$'$Q6]NDW05YL6/Z=UA]I"<%$%K9:'VFAT=+@*HWCO_+1Z[&MZ M?IJL\V44BZ^IDJU7JS#]XU(LDZ>S/77O]8&KZ.X^<+Q\X/#]"._8M+$Q7^/8\6RU{J^O%[C>YMVBP#M[)UAW7J97R5/MJ@W:%IZ\V295?\J3_5S1WO*?)WER:H.+GJPBN*7M_\/G>D=L!:B3'0%:'.#U#1C7 >.W =,= 9,Z8-(W8%H'3/MVZ:@...H;<%P' M'/<-.*D#3OH&?*H#/O4 4$>OK]RH=\CFQ>[]JNO+[?:^_567U]PM7K%#U_^ M%JL_9#W,P_/3-'E2TO+YA5=^4V5#%5_\ 49QF;C7>5K\ BKB\O.?DUPHJ];\ MI/PBTI7B)V&13%*\8OQ*[87R@:$<[PW5YN"ENBO"3/*%$OCQ4V_7>=-M_?3?C%^JX(UW:&6Q]L^WIYH(S5G>%VCW!UO#/<^2B\V//J9&>XVV/7C79WWNOS MPGW:&>[+P[,\\VN&W>$!_+P:_%0M*YUA,>28+P9"<:5-]GAM3^7YFMTU3$M>4?'+J50.=7XG#V$CR6@T.CU\W$X^LE&'Q%P2\TC,?[]OU5'UU=ZW =1H*U(L3]?%671QM+X,LRA3KJN3 M=Z4X(?XM3*/P9BF4JS 778.!U\)Z&)"8_H)]VAJ 1P23FDU@ 8:WD/]XD__& T_'-!']"<+G:+5> M*9»)6I#5.4!8]*+X7=>((&UDZ(AP_[4:.IQ9J2_?]JXZPS*/(MFDIA%8C:) M.23FDIA'8CZ)!+#62N.331J?#)NH%XDLBB-ZLNZ^M*,5AN8KB>DG[Z^+'>F M-=FJ26(6B=DDY!"82V(>B?DD%D!8*ZT_;=+ZT["TGB6/(@[+[UZ/S\:E\XM^ M49Y_1TE7IDL;&)KI)*:_8-/MX_>;%">;,TG,(C&;Q!P2&A]],Y*;T;-8*+/[,+T3U<-I>"=VY[}\H:')CFIZK:GJ]I'}0)N^27FTM41/5+%2S4@^< M:K:=I%J3I-IWS*CN]J%^U&1K8L=%)?D_.\U=[M-:WK!%E'FS50S40UJ];V M!YM)URZQT68=5'-1S>O8)9U_)3{:,#CE6@C85,VILKKQH8DX;[R5:3SXEGE M,-E,4C$/L[RS!/12WNK@W$2KS%#-0#43U2Q4LU'-0347U3Q4\U$MJ+5V@<7) MCF&@J4A3!2+N+1>ZA6CFRE_B['?2P%,IEN SG M>6>]BKSYP>,!J>FH9J'.B6I6K94G9]O5../IV^,Y6IV&:FZMO2DP4MM;X/7< M4A_M6T!I[21NJLK4@65E%XOBL!TE<;A4OH9_E(})WKN2XX-3%"TJ0S4#U4Q4MLU# 1C4'U=Q.^[!4V^O[1!_M7T!I[61NJL=4>?C8E7AX2=FL/."6J=V9M&C- M6*U]=&5&1ULU4,U$ 0O5;%1S4,U%-0_5?%0+**V=V$UEF/!!.5@2W_WT\G'-M5I%89WJC!6!JSPHPM%4#U4Q4LU+U4>_B[[/0%M5L.W.;8C!5 M7#W6SE?I9RSETN#$14O!4,0 -1/5+*%2S4%&9JOFH%E!:.Z^;XC!-7ARV,Z]_C==961=:)W/Y7OAJ%>75=?/R_;#F M/;#./%=[O>4PD_=N<):3FH%]JI9J&:CFH-J+JIYJ.:C6D!I[9&@J4#3Y!5H M?:,\RI_*M9BOJ[?!'T4:ETL)*F84A_&\#"H7.%!^N/YB7OTH/4N0]V3H60*J MZ:AFH}}):A:JV:CFH)]+:AZJ^:@64%%I[#&D*Z+2!!72#UW*I&U"U-Q,'59U,M3MY.'M!*.%0S4,U$-0O5;%1S4,U%-0_5?%0+**V=$*P}\:<W$T:]C:MYND[>;A8_'M= M5IC^K-!:3A3D\P2R(&F%:CJ[&:AFH]%:C-J..CFH]'!:CZJ!036 3OFFA$^3E_"5 M,X2M$MSJÑJ/TV(\6\ZÆ:CFH&JFH9J&:C6H.JKFHYJ&:CVH!!J;4'@J;D3_N_MK :G]:R3FLF[,SCUT7+OAMAHLU:J&9W,,11^77H_({'LSD30]-8%0S>FV!B,9I MH9J-:@ZJN:CFH9J/:@&EM=.WJ>L;R^OZ/IC:7ZJO,O'[NBSF,Q[+?V43>WE3 M0X_>J*:CFH%}]JI9J&:CFH-J+JIYJ.:C6D!I[4&B*?D;RTO^H$MQ\E9&CF!&JFH9J&:C6H.JKFHYJ&: MCVH!!J,5&B$E3K*?I:CFHUI :>%JK@ M)A]7\'MIG0,NB6L5O7^(SGN<@Y>(QC);AS7\&YSY:F===W M(TRT60O5,%!S4,U% 0_5?%0+**V=UDUIWF30&GI;,;WY&$Y3EW,99INE>#MS MN^L&F6_?MY W-'!>HR5Y?3, 1)NT4,U& 0?57%3S4,U'M8#27G+Z,+L7(M?#M/#P_78GT3LS$[97SNXWCRJIN"UOM_'Y0ML[+"*;IY^?3(H1W(@C3 MNRC.E*6X+4)'!\?%26M:+]O[^D^.)^2D,?*JOKT7X4*DY1.*W]\F22?[Z M0JG 4Y)^J[IW_A]02P,$% @ +8$P66H3"EY6 @ 2P8 !D !X;"]W M,W)K&ULI55M3]LP$/XKIX@/(&TD30K;JC02,3IM MD]@]"MMGDUP;"!?N;*>%?[^S$T*'2D';AS3V^)Q96'BZ:XCSM M?[WFF]:YM-J[RPMHX1VJ&:AFHIJ%:C-J..CFHIJ':CZJ!9363OFFA$^3E_"5 M,X2M$MSJÑJ/TV(\6\ZÆ:CFH&JFH9J&:C6H.JKFHYJ&:CVH!!J;4'@J;D3_N_MK :G]:R3FLF[,SCUT7+OAMAHLU:J&9W,,11^77H_({'LSD30]-8%0S>FV!B,9I MH9J-:@ZJN:CFH9J/:@&EM=.WJ>L;R^OZ/IC:7ZJO,O'[NBSF,Q[+?V43>WE3 M0X_>J*:CFH%}]JI9J&:CFH-J+JIYJ.:C6D!I[4&B*?D;RTO^H$MQ\E9&CF!&JFH9J&:C6H.JKFHYJ&: MCVH!!J,5&B$E3K*?I:CFHUI :>%JK@ M)A]7\'MIG0,NB6L5O7^(SGN<@Y>(QC);AS7\&YSY:F===W M(TRT60O5,%!S4,U% 0_5?%0+**V=UDUIWF30&GI;,;WY&$Y3EW,99INE>#MS MN^L&F6_?MY W-'!>HR5Y?3, 1)NT4,U& 0?57%3S4,U'M8#27G+Z,+L7(M?#M/#P_78GT3LS$[97SNXWCRJIN"UOM_'Y0ML[+"*;IY^?3(H1W(@C3 MNRC.E*6X+4)'!\?%26M:+]O[^D^.)^2D,?*JOKT7X4*DY1.*W]\F22?[Z M0JG 4Y)^J[IW_A]02P,$% @ +8$P66H3"EY6 @ 2P8 !D !X;"]W M+

*$TZ_P M%QK;*]I43XK8C^&!7%';Y?%MUS1S;'L4$)WZ^'K\=6@# \#4$L#!!0 (M "V!,%D/E%1(V@$ %D@ : >&PO7W)E,',O=V]R:V)O;VLN>&ULN+G)E M,'/ VCM.PT 4A>&M1%X D N8\%!"14.+V(.5)@^1Q)9G$,GNB4(1CD5!@^94 MUMCR]5J8GZR1YR]IUY9M=\B;,9\GQ WND!?.II3^(82)W*1]FV^Z/AW.5U;= ML& +>3FL0}\NW]MU"CJ=SL+PY.4]N)L]OBV9X?I,FU Y2" +Z009! M5C ((2]"W MHMY*H+>,/K8)}%,46PGT5M1;"?16U%L)}%,46PGT5M1;"?16U%L)}%,46PGT M M3,"/0VU-L(}#,4VPCTMM%F'8'>AGH,@=Z&>AN!WH9Z&X'>AGH,@=Z&>AN! MWH9Z&X'>CGH[@=Z,>CN!WHYZ.X'>CGH[@=X^VNPFT-M1,R?0VU%O))#;46\G MT M1;R?0VU%O)} [HMZ10.^(>D<"O2{!'0GTCJAW) -[HM{Q/ 7.Y,1+.^=KS MO<;G R? 5Y7QONC[^LOP^.7I[+S@'^)/@\\0M02P,$% @ +8$P62%=IR;- M 0)" !, !;0V]N=&5N=%]4> 7!E&ULS=K);L(P% 707T'95L1X M"!T$;.IN6Q;} 3=Y0$026[:A\/=UPB"UHJB(2KT;(F+ [W1=;.IMD]+.UY'N; MNFK\.%F$8!\8|.F":NU38ZF)(S/C:AWB7S=G5N=+/2=Q;/K'&BK.W*7(.9=KM .CKV=\K'}A M'P*D#PG2AP+I(P/I8PC2QRU('W<@?=R#],$'*(V@B,I12.4HIG(45#F'JAR% M58[B*D>!E:/(*E!D%2BR"A19!8JL D56@2*KO)%5H,@J4&05*+)*%%DEBJP2 M15.\{JM$D56BR"I19)4HLDH4626*K !%5H4BJT*15.'(JE!D52BR*A19%8JL M"D56A2)KAB)KAB)KAB)KAB)K]J^ROANS .OWUNTUK779!/)9]W' Y!-02P$" M% ,4 " M@3!9!T%.8H$ "Q $ @ $ 9&]C M4')O<',O87!P+CAM;%!+ 0(4 Q0 ("V!,%G'P)ZC[P "L" 1 M " -\ !D;V-0&UL4$L! A0#% @ +8$P61\EO9OO!0 "Q\ !@ M ("!#@@ 'AL+W=O&PO=V]R.W-H965T&UL4$L! A0#% M @ +8$P6788^"D\!0 &PO M=V]R.W-H965T&UL4$L! A0#% @ +8$P67MP!@?!"0 M(Q@ !@ ("!L2P 'AL+W=O&PO=V]R.W-H965T&UL4$L! A0#% @ +8$P60<">7^/ @ GP4 !D M ("!Q#T 'AL+W=O&PO=V]R.W-H965T M&UL4$L! A0# M% @ +8$P6?/525 J!P MA0 !D ("!,4@ 'AL+W=O M&PO=V]R.W-H965T&UL4$L! A0#% @ +8$P66B+ MP&'L P ,@D !D ("!R%X 'AL+W=OT% "F#0 &0 M @('K8@ >&PO=V]R.W-H965T&UL4$L! A0#% @ +8$P66*U4'8N @ !04 !D M ("!D'4 'AL+W=O&PO M=V]R.W-H965T&UL4$L! A0#% @ +8$P6=&M3^!V @ F@4 !D ("! M7($ 'AL+W=O&PO=V]R.W-H965T&UL4$L! A0#% M @ +8$P60<1)M:" @ &UL4$L! A0#% @ +8$P6=$&-AE. M! V0H !D ("!X)('AL+W=O&PO=V]R.W-H965T&UL4$L! A0#% @ +8$P64>!'%. ! $", !D M ("!*I\ 'AL+W=O&PO=V]R M.W-H965T&UL M4$L! A0#% @ +8$P6<#?YA< @]P4 !D ("!Q*H M 'AL+W=O&PO=V]R.W-H965T6O !X,"]W;W)K&UL4$L! A0#% @ M+8$P6?*2?)Y @ ?@8 !D ("!>+('AL+W=O&PO=V]R.W-H965T&UL4$L! A0#% @ +8$P65\RHH$&PO=V]R.W-H M965T&UL4$L! M A0#% @ +8$P67BKG -# @ "P8 !D ("!'=T 'AL M+W=O&PO=V]R.W-H965TF@0, /P3 9 " M@;?D !X,"]W;W)K&UL4$L! A0#% @ +8$P M6<&PO=V]R.W-H965T&UL4$L! A0#% @ +8$P6?=]YKEC P G0P M !D ("!#/$ 'AL+W=O&PO=V]R.W-H965T M5@($L& 9 " @9 ! 0!X,"]W,W)K&UL4$L! A0#% @ +8$P66QE) #P @ %Z" $ >&PO=V]R.V)O;VLN M>&UL4$L! A0#% @ +8$P60^45$C: 0 62 !H (! M%@T! 'AL+U]R96QS+W=O XML 68 Show.js IDEA: XBRL DOCUMENT // Edgar(tm) Renderer was created by staff of the U.S. Securities and Exchange Commission. Data and content created by government employees within the scope of their employment are not subject to domestic copyright protection. 17 U.S.C. 105. var Show={};Show.LastAR=null,Show.showAR=function(a,r,w){if(Show.LastAR)Show.hideAR();var e=a;while(e&&e.nodeName!='TABLE')e=e.nextSibling;if(!e||e.nodeName!='TABLE'){var ref=((window)?w.document:document).getElementById(r);if(ref){e=ref.cloneNode(!0); e.removeAttribute('id');a.parentNode.appendChild(e)}} if(e)e.style.display='block';Show.LastAR=e};Show.hideAR=function(){Show.LastAR.style.display='none'};Show.toggleNext=function(a){var e=a;while(e.nodeName!='DIV')e=e.nextSibling;if(!e.style){}else if(!e.style.display){}else{var d,p ;if(e.style.display=='none'){d='block';p='-'}else{d='none';p='+'} e.style.display=d;if(a.textContent){a.textContent=p+a.textContent.substring(1)}else{a.innerText=p+a.innerText.substring(1)}}} XML 69 report.css IDEA: XBRL DOCUMENT /* Updated 2009-11-04 */ /* v2.2.0.24 */ /* DefRef Styles */ .report table.authRefData{ background-color: #def; border: 2px solid #2F4497; font-size: 1em; position: absolute; } .report table.authRefData a { display: block; font-weight: bold; } .report table.authRefData p { margin-top: 0px; } .report table.authRefData .hide { background-color: #2F4497; padding: 1px 3px 0px 0px; text-align: right; } .report table.authRefData .hide a:hover { background-color: #2F4497; } .report table.authRefData .body { height: 150px; overflow: auto; width: 400px; } .report table.authRefData table{ font-size: 1em; } /* Report Styles */ .pl a, .pl a:visited { color: black; text-decoration: none; } /* table */ .report { background-color: white; border: 2px solid #acf; clear: both; color: black; font: normal 8pt Helvetica, Arial, san-serif; margin-bottom: 2em; } .report hr { border: 1px solid #acf; } /* Top labels */ .report th { background-color: #acf; color: black; font-weight: bold; text-align: center; } .report th.void { background-color: transparent; color: #000000; font: bold 10pt Helvetica, Arial, san-serif; text-align: left; } .report .pl { text-align: left; vertical-align: top; white-space: normal; width: 200px; white-space: normal; /* word-wrap: break-word; */ } .report td.pl a.a { cursor: pointer; display: block; width: 200px; overflow: hidden; } .report td.pl div.a { width: 200px; } .report td.pl a:hover { background-color: #ffc; } /* Header rows... */ .report tr.rh { background-color: #acf; color: black; font-weight: bold; } /* Calendars... */ .report .rc { background-color: #f0f0f0; } /* Even rows... */ .report .re, .report .reu { background-color: #def; } .report .reu td { border-bottom: 1px solid black; } /* Odd rows... */ .report .ro, .report .rou { background-color: white; } .report .rou td { border-bottom: 1px solid black; } .report .rou table td, .report .rou table td { border-bottom: 0px solid black; } /* styles for footnote marker */ .report .fn { white-space: nowrap; } /* styles for numeric types */ .report .num, .report .nump { text-align: right; white-space: nowrap; } .report .nump { padding-left: 2em; } .report .nump { padding: 0px 0.4em 0px 2em; } /* styles for text types */ .report .text { text-align: left; white-space: normal; } .report .text .big { margin-bottom: 1em; width: 17em; } .report .text .more { display: none; } .report .text .note { font-style: italic; font-weight: bold; } .report .text .small { width: 10em; } .report sup { font-style: italic; } .report .outerFootnotes { font-size: 1em; } XML 71 FilingSummary.xml IDEA: XBRL DOCUMENT 3.24.3 html 203 245 1 false 64 0 false 7 false false R1.htm 000 - Document - Document And Entity Information Sheet http://www.rfindustries.com/20240731/role/statement-document-and-entity-information Document And Entity Information Cover 1 false false R2.htm 001 - Statement - Condensed Consolidated Balance Sheets (Current Period Unaudited) Sheet http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited Condensed Consolidated Balance Sheets (Current Period Unaudited) Statements 2 false false R3.htm 002 - Statement - Condensed Consolidated Balance Sheets (Current Period Unaudited) (Parentheticals) Sheet http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited-parentheticals Condensed Consolidated Balance Sheets (Current Period Unaudited) (Parentheticals) Statements 3 false false R4.htm 003 - Statement - Condensed Consolidated Statements of Operations (Unaudited) Sheet http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-operations-unaudited Condensed Consolidated Statements of Operations (Unaudited) Statements 4 false false R5.htm 004 - 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Disclosure - Note 13 - Cash Dividend and Declared Dividends Sheet http://www.rfindustries.com/20240731/role/statement-note-13-cash-dividend-and-declared-dividends Note 13 - Cash Dividend and Declared Dividends Notes 19 false false R20.htm 995445 - Disclosure - Insider Trading Arrangements Sheet http://xbrl.sec.gov/ecd/role/InsiderTradingArrangements Insider Trading Arrangements Notes 20 false false R21.htm 995464 - Disclosure - Significant Accounting Policies (Policies) Sheet http://www.rfindustries.com/20240731/role/statement-significant-accounting-policies-policies Significant Accounting Policies (Policies) Policies 21 false false R22.htm 995465 - Disclosure - Note 2 - Concentrations of Credit Risk (Tables) Sheet http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-tables Note 2 - Concentrations of Credit Risk (Tables) Tables http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-22 false false R23.htm 995466 - Disclosure - Note 3 - Inventories and Major Vendors (Tables) Sheet http://www.rfindustries.com/20240731/role/statement-note-3-inventories-and-major-vendors-tables Note 3 - Inventories and Major Vendors (Tables) Tables http://www.rfindustries.com/20240731/role/statement-note-3-inventories-and-major-vendors 23 false false R24.htm 995467 - Disclosure - Note 4 - Other Current Assets (Tables) Sheet http://www.rfindustries.com/20240731/role/statement-note-4-other-current-assets-tables Note 4 - Other Current Assets (Tables) Tables http://www.rfindustries.com/20240731/role/statement-note-4-other-current-assets 24 false false R25.htm 995468 - Disclosure - Note 5 - Accrued Expenses and Other Current Liabilities (Tables) Sheet http://www.rfindustries.com/20240731/role/statement-note-5-accrued-expenses-and-other-current-liabilities-tables Note 5 - Accrued Expenses and Other Current Liabilities (Tables) Tables http://www.rfindustries.com/20240731/role/statement-note-5-accrued-expenses-and-other-current-liabilities 25 false false R26.htm 995469 - Disclosure - Note 6 - Income (Loss) Per Share (Tables) Sheet http://www.rfindustries.com/20240731/role/statement-note-6-income-loss-per-share-tables Note 6 - Income (Loss) Per Share (Tables) Tables http://www.rfindustries.com/20240731/role/statement-note-6-income-loss-per-share 26 false false R27.htm 995470 - Disclosure - Note 7 - Stock-based Compensation and Equity Transactions (Tables) Sheet http://www.rfindustries.com/20240731/role/statement-note-7-stockbased-compensation-and-equity-transactions-tables Note 7 - Stock-based Compensation and Equity Transactions (Tables) Tables http://www.rfindustries.com/20240731/role/statement-note-7-stockbased-compensation-and-equity-transactions 27 false false R28.htm 995471 - Disclosure - Note 8 - Segment Information (Tables) Sheet http://www.rfindustries.com/20240731/role/statement-note-8-segment-information-tables Note 8 - Segment Information (Tables) Tables http://www.rfindustries.com/20240731/role/statement-note-8-segment-information 28 false false R29.htm 995472 - Disclosure - Note 10 - Intangible Assets (Tables) Sheet http://www.rfindustries.com/20240731/role/statement-note-10-intangible-assets-tables Note 10 - Intangible Assets (Tables) Tables http://www.rfindustries.com/20240731/role/statement-note-10-intangible-assets 29 false false R30.htm 995473 - Disclosure - Note 11 - Commitments (Tables) Sheet http://www.rfindustries.com/20240731/role/statement-note-11-commitments-tables Note 11 - Commitments (Tables) Tables http://www.rfindustries.com/20240731/role/statement-note-11-commitments 30 false false R31.htm 995474 - Disclosure - Note 2 - Concentrations of Credit Risk (Details Textual) Sheet http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-details-textual Note 2 - Concentrations of Credit Risk (Details Textual) Details http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-tables 31 false false R32.htm 995475 - Disclosure - Note 2 - Concentrations of Credit Risk - Sales (Details) Sheet http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-sales-details Note 2 - 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Other Current Assets - Other Current Assets (Details) Details 35 false false R36.htm 995479 - Disclosure - Note 5 - Accrued Expenses and Other Current Liabilities - Accrued Expenses (Details) Sheet http://www.rfindustries.com/20240731/role/statement-note-5-accrued-expenses-and-other-current-liabilities-accrued-expenses-details Note 5 - Accrued Expenses and Other Current Liabilities - Accrued Expenses (Details) Details 36 false false R37.htm 995480 - Disclosure - Note 6 - Income (Loss) Per Share (Details Textual) Sheet http://www.rfindustries.com/20240731/role/statement-note-6-income-loss-per-share-details-textual Note 6 - Income (Loss) Per Share (Details Textual) Details http://www.rfindustries.com/20240731/role/statement-note-6-income-loss-per-share-tables 37 false false R38.htm 995481 - Disclosure - Note 6 - Income (Loss) Per Share - Basic and Diluted Earnings Per Share (Details) Sheet http://www.rfindustries.com/20240731/role/statement-note-6-income-loss-per-share-basic-and-diluted-earnings-per-share-details Note 6 - 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Disclosure - Note 7 - Stock-based Compensation and Equity Transactions - Options Outstanding (Details) Sheet http://www.rfindustries.com/20240731/role/statement-note-7-stockbased-compensation-and-equity-transactions-options-outstanding-details Note 7 - Stock-based Compensation and Equity Transactions - Options Outstanding (Details) Details 41 false false R42.htm 995485 - Disclosure - Note 8 - Segment Information (Details Textual) Sheet http://www.rfindustries.com/20240731/role/statement-note-8-segment-information-details-textual Note 8 - Segment Information (Details Textual) Details http://www.rfindustries.com/20240731/role/statement-note-8-segment-information-tables 42 false false R43.htm 995486 - Disclosure - Note 8 - Segment Information - Sales by Geographic Area (Details) Sheet http://www.rfindustries.com/20240731/role/statement-note-8-segment-information-sales-by-geographic-area-details Note 8 - Segment Information - Sales by Geographic Area (Details) Details 43 false false R44.htm 995487 - 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Disclosure - Note 10 - Intangible Assets - Intangible Assets (Details) Sheet http://www.rfindustries.com/20240731/role/statement-note-10-intangible-assets-intangible-assets-details Note 10 - Intangible Assets - Intangible Assets (Details) Details 47 false false R48.htm 995491 - Disclosure - Note 10 - Intangible Assets - Intangible Assets (Details) (Parentheticals) Sheet http://www.rfindustries.com/20240731/role/statement-note-10-intangible-assets-intangible-assets-details-parentheticals Note 10 - Intangible Assets - Intangible Assets (Details) (Parentheticals) Details 48 false false R49.htm 995492 - Disclosure - Note 11 - Commitments (Details Textual) Sheet http://www.rfindustries.com/20240731/role/statement-note-11-*

commitments-details-textual Note 11 - Commitments (Details Textual) Details http://www.rfindustries.com/20240731/role/statement-note-11-commitments-tables 49 false false R50.htm 995493 - Disclosure - Note 11 - Commitments - Operating Lease Expense (Details) Sheet http://www.rfindustries.com/20240731/role/statement-note-11-commitments-operating-lease-expense-details Note 11 - Commitments - Operating Lease Expense (Details) Details 50 false false R51.htm 995494 - Disclosure - Note 11 - Commitments - Other Information Related to Leases (Details) Sheet http://www.rfindustries.com/20240731/role/statement-note-11-commitments-other-information-related-to-leases-details Note 11 - Commitments - Other Information Related to Leases (Details) Details 51 false false R52.htm 995495 - Disclosure - Note 11 - Commitments - Future Minimum Lease Payments (Details) Sheet http://www.rfindustries.com/20240731/role/statement-note-11-commitments-future-minimum-lease-payments-details Note 11 - Commitments - Future Minimum Lease Payments (Details) Details 52 false false R53.htm 995496 - 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"tr", "tbody", "table", "div", "body", "html" ], "reportCount": 1, "baseRef": "rfil20240731_10q.htm", "first": true }, "uniqueAnchor": { "contextRef": "d_2022-02-01_2022-02-28_CreditFacilityAxis-RevolvingCreditFacilityMember", "name": "us-gaap:DebtInstrumentBasisSpreadOnVariableRate1", "unitRef": "Pure", "xsiNil": "false", "lang": null, "decimals": "2", "ancestors": [ "p", "us-gaap:DebtDisclosureTextBlock", "body", "html" ], "reportCount": 1, "baseRef": "rfil20240731_10q.htm", "unique": true } }, "R54": { "role": "http://www.rfindustries.com/20240731/role/statement-note-13-cash-dividend-and-declared-dividends-details-textual", "longName": "995497 - Disclosure - Note 13 - Cash Dividend and Declared Dividends (Details Textual)", "shortName": "Note 13 - Cash Dividend and Declared Dividends (Details Textual)", "isDefault": "false", "groupType": "disclosure", "subGroupType": "details", "menuCat": "Details", "order": "54", "firstAnchor": null, "uniqueAnchor": null } }, "tag": { "rfil_APICShareBasedPaymentArrangementRestrictedStockUnitDecreaseForCostRecognition": { "xbrltype": "monetaryItemType", "nsuri": "http://www.rfindustries.com/20240731", "localname": "APICShareBasedPaymentArrangementRestrictedStockUnitDecreaseForCostRecognition", "crdr": "debit", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-stockholders-equity-unaudited" ], "lang": { "en-us": { "role": { "label": "rfil_APICShareBasedPaymentArrangementRestrictedStockUnitDecreaseForCostRecognition", "terseLabel": "Issuance of restricted stock", "negatedLabel": "Issuance of restricted stock", "documentation": "Amount of decrease to additional paid-in capital (APIC) for recognition of cost for restricted stock unit under share-based payment arrangement." } } }, "auth_ref": [] }, "us-gaap_AccountingPoliciesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountingPoliciesAbstract", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-significant-accounting-policies-policies" ], "lang": { "en-us": { "role": { "label": "Accounting Policies [Abstract]" } } }, "auth_ref": [] }, "us-gaap_AccountsPayableAccruedLiabilitiesAndOtherLiabilitiesDisclosureNoncurrentTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsPayableAccruedLiabilitiesAndOtherLiabilitiesDisclosureNoncurrentTextBlock", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-5-accrued-expenses-and-other-current-liabilities" ], "lang": { "en-us": { "role": { "label": "Accounts Payable, Accrued Liabilities, and Other Liabilities Disclosure, Noncurrent [Text Block]", "documentation": "The entire disclosure for accounts payable, accrued expenses, and other liabilities that are classified as noncurrent at the end of the reporting period." } } }, "auth_ref": [] }, "us-gaap_AccountsPayableCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsPayableCurrent", "crdr": "credit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 0.0 } }, "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited" ], "lang": { "en-us": { "role": { "label": "Accounts payable", "documentation": "Carrying value as of the balance sheet date of liabilities incurred (and for which invoices have typically been received) and payable to vendors for goods and services received that are used in an entity's business. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": [ "r42", "r605" ] }, "us-gaap_AccountsReceivableMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsReceivableMember", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk", "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-details-textual" ], "lang": { "en-us": { "role": { "label": "Accounts Receivable [Member]", "documentation": "Due from customers or clients for goods or services that have been delivered or sold." } } }, "auth_ref": [ "r548" ] }, "us-gaap_AccountsReceivableNetCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccountsReceivableNetCurrent", "crdr": "debit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 0.0 } }, "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited" ], "lang": { "en-us": { "role": { "label": "Trade accounts receivable, net of allowance for credit losses of $146 and $244, respectively", "documentation": "Amount, after allowance for credit loss, of right to consideration from customer for product sold and service rendered in normal course of business, classified as current." } } }, "auth_ref": [ "r659" ] }, "us-gaap_AccruedLiabilitiesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccruedLiabilitiesCurrent", "crdr": "credit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": { "parentTag": "us-gaap_LiabilitiesCurrent", "weight": 1.0, "order": 1.0 }, "http://www.rfindustries.com/20240731/role/statement-note-5-accrued-expenses-and-other-current-liabilities-accrued-expenses-details": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited", "http://www.rfindustries.com/20240731/role/statement-note-5-accrued-expenses-and-other-current-liabilities-accrued-expenses-details" ], "lang": { "en-us": { "role": { "label": "Accrued expenses", "totalLabel": "Totals", "documentation": "Carrying value as of the balance sheet date of obligations incurred and payable, pertaining to costs that are statutory in nature, are incurred on contractual obligations, or accumulate over time and for which invoices have not yet been received or will not be rendered. Examples include taxes, interest, rent and utilities. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": [ "r45" ] }, "rfil_AccruedReceiptsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://www.rfindustries.com/20240731", "localname": "AccruedReceiptsCurrent", "crdr": "credit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-note-5-accrued-expenses-and-other-current-liabilities-accrued-expenses-details": { "parentTag": "us-gaap_AccruedLiabilitiesCurrent", "weight": 1.0, "order": 2.0 } }, "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-5-accrued-expenses-and-other-current-liabilities-accrued-expenses-details" ], "lang": { "en-us": { "role": { "label": "Accrued receipts", "documentation": "Carrying value as of the balance sheet date of obligations incurred and payable for receipts (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": [] }, "us-gaap_AccruedSalariesCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccruedSalariesCurrent", "crdr": "credit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-note-5-accrued-expenses-and-other-current-liabilities-accrued-expenses-details": { "parentTag": "us-gaap_AccruedLiabilitiesCurrent", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-5-accrued-expenses-and-other-current-liabilities-accrued-expenses-details" ], "lang": { "en-us": { "role": { "label": "Wages payable", "documentation": "Carrying value as of the balance sheet date of the obligations incurred through that date and payable for employees' services provided. Used to reflect the current portion of the liabilities (due within one year or within the normal operating cycle if longer)." } } }, "auth_ref": [ "r45", "r567" ] }, "us-gaap_AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AccumulatedDepreciationDepletionAndAmortizationPropertyPlantAndEquipment", "crdr": "credit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": { "parentTag": "us-gaap_PropertyPlantAndEquipmentNet", "weight": -1.0, "order": 0.0 } }, "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited" ], "lang": { "en-us": { "role": { "label": "Less accumulated depreciation", "documentation": "Amount of accumulated depreciation, depletion and amortization for physical assets used in the normal conduct of business to produce goods and services." } } }, "auth_ref": [ "r26", "r112", "r448" ] }, "us-gaap_AcquiredFiniteLivedIntangibleAssetsWeightedAverageUsefulLife": { "xbrltype": "durationItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AcquiredFiniteLivedIntangibleAssetsWeightedAverageUsefulLife", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-10-intangible-assets-details-textual" ], "lang": { "en-us": { "role": { "label": "us-gaap_AcquiredFiniteLivedIntangibleAssetsWeightedAverageUsefulLife", "terseLabel": "Acquired Finite-Lived Intangible Assets, Weighted Average Useful Life (Year)", "documentation": "Weighted average amortization period of finite-lived intangible assets acquired either individually or as part of a group of assets, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days." } } }, "auth_ref": [ "r229", "r561" ] }, "us-gaap_AdditionalPaidInCapitalCommonStock": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapitalCommonStock", "crdr": "credit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 1.0 } }, "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited" ], "lang": { "en-us": { "role": { "label": "Additional paid-in capital", "documentation": "Value received from shareholders in common stock-related transactions that are in excess of par value or stated value and amounts received from other stock-related transactions. Includes only common stock transactions (excludes preferred stock transactions). May be called contributed capital, capital in excess of par, capital surplus, or paid-in capital." } } }, "auth_ref": [ "r54" ] }, "us-gaap_AdditionalPaidInCapitalMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdditionalPaidInCapitalMember", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-stockholders-equity-unaudited" ], "lang": { "en-us": { "role": { "label": "Additional Paid-in Capital [Member]", "documentation": "Excess of issue price over par or stated value of the entity's capital stock and amounts received from other transactions involving the entity's stock or stockholders." } } }, "auth_ref": [ "r481", "r646", "r647", "r648", "r649", "r708", "r762" ] }, "rfil_AdjustedTermSOFRMember": { "xbrltype": "domainItemType", "nsuri": "http://www.rfindustries.com/20240731", "localname": "AdjustedTermSOFRMember", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-12-term-loan-and-line-of-credit", "http://www.rfindustries.com/20240731/role/statement-note-12-term-loan-and-line-of-credit-details-textual" ], "lang": { "en-us": { "role": { "label": "Adjusted Term SOFR [Member]", "documentation": "Represents the adjusted SOFR rate." } } }, "auth_ref": [] }, "us-gaap_AdjustmentsRelatedToTaxWithholdingForShareBasedCompensation": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdjustmentsRelatedToTaxWithholdingForShareBasedCompensation", "crdr": "debit", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-stockholders-equity-unaudited" ], "lang": { "en-us": { "role": { "label": "us-gaap_AdjustmentsRelatedToTaxWithholdingForShareBasedCompensation", "negatedLabel": "Tax withholding related to vesting of restricted stock", "documentation": "Amount of decrease to equity for grantee's tax withholding obligation for award under share-based payment arrangement." } } }, "auth_ref": [] }, "us-gaap_AdjustmentsToAdditionalPaidInCapitalSharebasedCompensationRequisiteServicePeriodRecognitionValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AdjustmentsToAdditionalPaidInCapitalSharebasedCompensationRequisiteServicePeriodRecognitionValue", "crdr": "credit", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-stockholders-equity-unaudited" ], "lang": { "en-us": { "role": { "label": "Stock-based compensation expense", "documentation": "Amount of increase to additional paid-in capital (APIC) for recognition of cost for award under share-based payment arrangement." } } }, "auth_ref": [ "r30", "r31", "r290" ] }, "rfil_AllOtherForeignCountriesMember": { "xbrltype": "domainItemType", "nsuri": "http://www.rfindustries.com/20240731", "localname": "AllOtherForeignCountriesMember", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-8-segment-information", "http://www.rfindustries.com/20240731/role/statement-note-8-segment-information-sales-by-geographic-area-details" ], "lang": { "en-us": { "role": { "label": "All Other Foreign Countries [Member]", "documentation": "Represents all other foreign countries not otherwise disclosed." } } }, "auth_ref": [] }, "us-gaap_AllocatedShareBasedCompensationExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AllocatedShareBasedCompensationExpense", "crdr": "debit", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-7-stockbased-compensation-and-equity-transactions-details-textual" ], "lang": { "en-us": { "role": { "label": "us-gaap_AllocatedShareBasedCompensationExpense", "terseLabel": "Share-Based Payment Arrangement, Expense", "documentation": "Amount of expense for award under share-based payment arrangement. Excludes amount capitalized." } } }, "auth_ref": [ "r320", "r325" ] }, "us-gaap_AllowanceForDoubtfulAccountsReceivableCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AllowanceForDoubtfulAccountsReceivableCurrent", "crdr": "credit", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited-parentheticals" ], "lang": { "en-us": { "role": { "label": "Accounts Receivable, Allowance for Credit Loss, Current", "documentation": "Amount of allowance for credit loss on accounts receivable, classified as current." } } }, "auth_ref": [ "r119", "r204", "r208" ] }, "dei_AmendmentFlag": { "xbrltype": "booleanItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "AmendmentFlag", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-document-and-entity-information" ], "lang": { "en-us": { "role": { "label": "Amendment Flag", "documentation": "Boolean flag that is true when the XBRL content amends previously-filed or accepted submission." } } }, "auth_ref": [] }, "us-gaap_AmortizationOfFinancingCosts": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AmortizationOfFinancingCosts", "crdr": "debit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 12.0 } }, "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited" ], "lang": { "en-us": { "role": { "label": "Amortization of debt issuance cost", "documentation": "Amount of amortization expense attributable to debt issuance costs." } } }, "auth_ref": [ "r70", "r278", "r642", "r711" ] }, "us-gaap_AmortizationOfIntangibleAssets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AmortizationOfIntangibleAssets", "crdr": "debit", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-10-intangible-assets-details-textual" ], "lang": { "en-us": { "role": { "label": "us-gaap_AmortizationOfIntangibleAssets", "terseLabel": "Amortization of Intangible Assets", "documentation": "The aggregate expense charged against earnings to allocate the cost of intangible assets (nonphysical assets not used in production) in a systematic and rational manner to the periods expected to benefit from such assets. As a noncash expense, this element is added back to net income when calculating cash provided by or used in operations using the indirect method." } } }, "auth_ref": [ "r3", "r226", "r233", "r586" ] }, "rfil_AnotherManagerMember": { "xbrltype": "domainItemType", "nsuri": "http://www.rfindustries.com/20240731", "localname": "AnotherManagerMember", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-7-stockbased-compensation-and-equity-transactions", "http://www.rfindustries.com/20240731/role/statement-note-7-stockbased-compensation-and-equity-transactions-details-textual" ], "lang": { "en-us": { "role": { "label": "Another Manager [Member]", "documentation": "Relating to another manager." } } }, "auth_ref": [] }, "us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-6-income-loss-per-share-details-textual" ], "lang": { "en-us": { "role": { "label": "us-gaap_AntidilutiveSecuritiesExcludedFromComputationOfEarningsPerShareAmount", "terseLabel": "Antidilutive Securities Excluded from Computation of Earnings Per Share, Amount (in shares)", "documentation": "Securities (including those issuable pursuant to contingent stock agreements) that could potentially dilute basic earnings per share (EPS) or earnings per unit (EPU) in the future that were not included in the computation of diluted EPS or EPU because to do so would increase EPS or EPU amounts or decrease loss per share or unit amounts for the period presented." } } }, "auth_ref": [ "r163" ] }, "us-gaap_Assets": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "Assets", "crdr": "debit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited", "http://www.rfindustries.com/20240731/role/statement-note-8-segment-information-net-sales-income-before-provision-for-income-taxes-and-other-related-segment-information-details" ], "lang": { "en-us": { "role": { "label": "Total assets", "totalLabel": "TOTAL ASSETS", "documentation": "Amount of asset recognized for present right to economic benefit." } } }, "auth_ref": [ "r91", "r101", "r116", "r135", "r167", "r173", "r191", "r195", "r205", "r258", "r259", "r261", "r262", "r263", "r264", "r265", "r267", "r268", "r358", "r360", "r375", "r440", "r508", "r578", "r579", "r605", "r628", "r677", "r678", "r718" ] }, "us-gaap_AssetsCurrent": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AssetsCurrent", "crdr": "debit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": { "parentTag": "us-gaap_Assets", "weight": 1.0, "order": 3.0 } }, "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-
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consolidated-balance-sheets-current-period-unaudited" ], "lang": { "en-us": { "role": { "label": "us-gaap_AssetsCurrent", "totalLabel": "TOTAL CURRENT ASSETS", "documentation": "Amount of asset recognized for present right to economic benefit, classified as current." } } }, "auth_ref": [ "r108", "r123", "r135", "r205", "r258", "r259", "r261", "r262", "r263", "r264", "r265", "r267", "r268", "r358", "r360", "r375", "r605", "r677", "r678", "r718" ] }, "us-gaap_AwardTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "AwardTypeAxis", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-7-stockbased-compensation-and-equity-transactions", "http://www.rfindustries.com/20240731/role/statement-note-7-stockbased-compensation-and-equity-transactions-textual" ], "lang": { "en-us": { "role": { "label": "Award Type [Axis]", "documentation": "Information by type of award under share-based payment arrangement." } } }, "auth_ref": [ "r294", "r295", "r296", "r297", "r298", "r299", "r300", "r301", "r302", "r303", "r304", "r305", "r306", "r307", "r308", "r309", "r310", "r311", "r312", "r313", "r314", "r315", "r316", "r317", "r318", "r319" ] }, "us-gaap_BalanceSheetLocationAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BalanceSheetLocationAxis", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-12-term-loan-and-line-of-credit", "http://www.rfindustries.com/20240731/role/statement-note-12-term-loan-and-line-of-credit-details-textual" ], "lang": { "en-us": { "role": { "label": "Statement of Financial Position Location, Balance [Axis]", "documentation": "Information by location in statement of financial position where disaggregated cumulative balance has been reported." } } }, "auth_ref": [ "r248", "r730", "r731" ] }, "us-gaap_BalanceSheetLocationDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BalanceSheetLocationDomain", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-12-term-loan-and-line-of-credit", "http://www.rfindustries.com/20240731/role/statement-note-12-term-loan-and-line-of-credit-details-textual" ], "lang": { "en-us": { "role": { "label": "Statement of Financial Position Location, Balance [Domain]", "documentation": "Location in statement of financial position where disaggregated cumulative balance has been reported." } } }, "auth_ref": [ "r37", "r38", "r248", "r730", "r731" ] }, "rfil_BankOfAmericaNaMember": { "xbrltype": "domainItemType", "nsuri": "http://www.rfindustries.com/20240731", "localname": "BankOfAmericaNaMember", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-12-term-loan-and-line-of-credit", "http://www.rfindustries.com/20240731/role/statement-note-12-term-loan-and-line-of-credit-details-textual" ], "lang": { "en-us": { "role": { "label": "Bank of America, N.A. [Member]", "documentation": "Represents name of lender." } } }, "auth_ref": [] }, "us-gaap_BasisOfPresentationAndSignificantAccountingPoliciesTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "BasisOfPresentationAndSignificantAccountingPoliciesTextBlock", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-1-unaudited-interim-condensed-consolidated-financial-statements" ], "lang": { "en-us": { "role": { "label": "Basis of Presentation and Significant Accounting Policies [Text Block]", "documentation": "The entire disclosure for the basis of presentation and significant accounting policies concepts. Basis of presentation describes the underlying basis used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). Accounting policies describe all significant accounting policies of the reporting entity." } } }, "auth_ref": [ "r77" ] }, "country_CA": { "xbrltype": "domainItemType", "nsuri": "http://xbrl.sec.gov/country/2024", "localname": "CA", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-8-segment-information", "http://www.rfindustries.com/20240731/role/statement-note-8-segment-information-sales-by-geographic-area-details" ], "lang": { "en-us": { "role": { "label": "CANADA" } } }, "auth_ref": [] }, "us-gaap_CashAndCashEquivalentsAtCarryingValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashAndCashEquivalentsAtCarryingValue", "crdr": "debit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": { "parentTag": "us-gaap_AssetsCurrent", "weight": 1.0, "order": 3.0 } }, "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited" ], "lang": { "en-us": { "role": { "label": "Cash and cash equivalents", "documentation": "Amount of currency on hand as well as demand deposits with banks or financial institutions. Includes other kinds of accounts that have the general characteristics of demand deposits. Also includes short term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates. Excludes cash and cash equivalents within disposal group and discontinued operation." } } }, "auth_ref": [ "r15", "r110", "r563" ] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsIncludingDisposalGroupAndDiscontinuedOperations": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsIncludingDisposalGroupAndDiscontinuedOperations", "crdr": "debit", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited" ], "lang": { "en-us": { "role": { "label": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsIncludingDisposalGroupAndDiscontinuedOperations", "periodStartLabel": "Cash and cash equivalents, beginning of period", "periodEndLabel": "Cash and cash equivalents, end of period", "documentation": "Amount of cash and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including, but not limited to, disposal group and discontinued operations. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": [ "r15", "r74", "r133" ] }, "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "crdr": "debit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited" ], "lang": { "en-us": { "role": { "label": "us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseIncludingExchangeRateEffect", "totalLabel": "Net decrease in cash and cash equivalents", "documentation": "Amount of increase (decrease) in cash, cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; including effect from exchange rate change. Cash includes, but is not limited to, currency on hand, demand deposits with banks or financial institutions, and other accounts with general characteristics of demand deposits. Cash equivalents include, but are not limited to, short-term, highly liquid investments that are both readily convertible to known amounts of cash and so near their maturity that they present insignificant risk of changes in value because of changes in interest rates." } } }, "auth_ref": [ "r0", "r74" ] }, "rfil_CashDividendAndDeclaredDividendsTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://www.rfindustries.com/20240731", "localname": "CashDividendAndDeclaredDividendsTextBlock", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-13-cash-dividend-and-declared-dividends" ], "lang": { "en-us": { "role": { "label": "Cash Dividend and Declared Dividends [Text Block]", "documentation": "The entire disclosure for cash dividends and declared dividends." } } }, "auth_ref": [] }, "us-gaap_CashUninsuredAmount": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CashUninsuredAmount", "crdr": "debit", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-details-textual" ], "lang": { "en-us": { "role": { "label": "us-gaap_CashUninsuredAmount", "terseLabel": "Cash, Uninsured Amount", "documentation": "The amount of cash as of the balance sheet date that is not insured by the Federal Deposit Insurance Corporation." } } }, "auth_ref": [] }, "dei_CityAreaCode": { "xbrltype": "normalizedStringItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CityAreaCode", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-document-and-entity-information" ], "lang": { "en-us": { "role": { "label": "dei_CityAreaCode", "terseLabel": "City Area Code", "documentation": "Area code of city" } } }, "auth_ref": [] }, "us-gaap_CommitmentsAndContingencies": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsAndContingencies", "crdr": "credit", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited" ], "lang": { "en-us": { "role": { "label": "Commitments and Contingencies", "documentation": "Represents the caption on the face of the balance sheet to indicate that the entity has entered into (1) purchase or supply arrangements that will require expending a portion of its resources to meet the terms thereof, and (2) is exposed to potential losses or, less frequently, gains, arising from (a) possible claims against a company's resources due to future performance under contract terms, and (b) possible losses or likely gains from uncertainties that will ultimately be resolved when one or more future events that are deemed likely to occur do occur or fail to occur." } } }, "auth_ref": [ "r50", "r94", "r443", "r495" ] }, "us-gaap_CommitmentsDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommitmentsDisclosureTextBlock", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-11-commitments" ], "lang": { "en-us": { "role": { "label": "Commitments Disclosure [Text Block]", "documentation": "The entire disclosure for significant arrangements with third parties, which includes operating lease arrangements and arrangements in which the entity has agreed to expend funds to procure goods or services, or has agreed to commit resources to supply goods or services, and operating lease arrangements. Descriptions may include identification of the specific goods and services, period of time covered, minimum quantities and amounts, and cancellation rights." } } }, "auth_ref": [ "r83" ] }, "us-gaap_CommonStockMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockMember", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-stockholders-equity-unaudited" ], "lang": { "en-us": { "role": { "label": "Common Stock [Member]", "documentation": "Stock that is subordinate to all other stock of the issuer." } } }, "auth_ref": [ "r619", "r620", "r621", "r623", "r624", "r625", "r626", "r646", "r647", "r649", "r708", "r761", "r762" ] }, "us-gaap_CommonStockParOrStatedValuePerShare": { "xbrltype": "perShareItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockParOrStatedValuePerShare", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited-parentheticals" ], "lang": { "en-us": { "role": { "label": "us-gaap_CommonStockParOrStatedValuePerShare", "terseLabel": "Common Stock, Par or Stated Value Per Share (in dollars per share)", "documentation": "Face amount or stated value per share of common stock." } } }, "auth_ref": [ "r53" ] }, "us-gaap_CommonStockSharesAuthorized": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesAuthorized", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited-parentheticals" ], "lang": { "en-us": { "role": { "label": "us-gaap_CommonStockSharesAuthorized", "terseLabel": "Common Stock, Shares Authorized (in shares)", "documentation": "The maximum number of common shares permitted to be issued by an entity's charter and bylaws." } } }, "auth_ref": [ "r53", "r496" ] }, "us-gaap_CommonStockSharesIssued": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesIssued", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited-parentheticals" ], "lang": { "en-us": { "role": { "label": "us-gaap_CommonStockSharesIssued", "terseLabel": "Common Stock, Shares, Issued (in shares)", "documentation": "Total number of common shares of an entity that have been sold or granted to shareholders (includes common shares that were issued, repurchased and remain in the treasury). These shares represent capital invested by the firm's shareholders and owners, and may be all or only a portion of the number of shares authorized. Shares issued include shares outstanding and shares held in the treasury." } } }, "auth_ref": [ "r53" ] }, "us-gaap_CommonStockSharesOutstanding": { "xbrltype": "sharesItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockSharesOutstanding", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited-parentheticals" ], "lang": { "en-us": { "role": { "label": "us-gaap_CommonStockSharesOutstanding", "terseLabel": "Common Stock, Shares, Outstanding (in shares)", "documentation": "Number of shares of common stock outstanding. Common stock represent the ownership interest in a corporation." } } }, "auth_ref": [ "r5", "r53", "r496", "r514", "r762", "r763" ] }, "us-gaap_CommonStockValue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CommonStockValue", "crdr": "credit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited": { "parentTag": "us-gaap_StockholdersEquity", "weight": 1.0, "order": 0.0 } }, "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-balance-sheets-current-period-unaudited" ], "lang": { "en-us": { "role": { "label": "Common stock - authorized 20,000,000 shares of $0.01 par value; 10,495,548 and 10,343,223 shares issued and outstanding at April 30, 2024 and October 31, 2023, respectively", "documentation": "Aggregate par or stated value of issued nonredeemable common stock (or common stock redeemable solely at the option of the issuer). This item includes treasury stock repurchased by the entity. Note: elements for number of nonredeemable common shares, par value and other disclosure concepts are in another section within stockholders' equity." } } }, "auth_ref": [ "r53", "r444", "r605" ] }, "us-gaap_ConcentrationRiskBenchmarkDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskBenchmarkDomain", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk", "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-details-textual", "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-sales-details", "http://www.rfindustries.com/20240731/role/statement-note-3-inventories-and-major-vendors", "http://www.rfindustries.com/20240731/role/statement-note-3-inventories-and-major-vendors-details-textual" ], "lang": { "en-us": { "role": { "label": "Concentration Risk Benchmark [Domain]", "documentation": "The denominator in a calculation of a disclosed concentration risk percentage." } } }, "auth_ref": [ "r19", "r20", "r40", "r41", "r202", "r548" ] }, "us-gaap_ConcentrationRiskByBenchmarkAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskByBenchmarkAxis", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk", "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-details-textual", "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-sales-details", "http://www.rfindustries.com/20240731/role/statement-note-3-inventories-and-major-vendors", "http://www.rfindustries.com/20240731/role/statement-note-3-inventories-and-major-vendors-details-textual" ], "lang": { "en-us": { "role": { "label": "Concentration Risk Benchmark [Axis]", "documentation": "Information by benchmark of concentration risk." } } }, "auth_ref": [ "r19", "r20", "r40", "r41", "r202", "r476", "r548" ] }, "us-gaap_ConcentrationRiskByTypeAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskByTypeAxis", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk", "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-details-textual", "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-sales-details", "http://www.rfindustries.com/20240731/role/statement-note-3-inventories-and-major-vendors", "http://www.rfindustries.com/20240731/role/statement-note-3-inventories-and-major-vendors-details-textual" ], "lang": { "en-us": { "role": { "label": "Concentration Risk Type [Axis]", "documentation": "Information by type of concentration risk, for example, but not limited to, asset, liability, net assets, geographic, customer, employees, supplier, lender." } } }, "auth_ref": [ "r19", "r20", "r40", "r41", "r202", "r548", "r638" ] }, "us-gaap_ConcentrationRiskDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskDisclosureTextBlock", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk" ], "lang": { "en-us": { "role": { "label": "Concentration Risk Disclosure [Text Block]", "documentation": "The entire disclosure for any concentrations existing at the date of the financial statements that make an entity vulnerable to a reasonably possible, near-term, severe impact. This disclosure informs financial statement users about the general nature of the risk associated with the concentration, and may indicate the percentage of concentration risk as of the balance sheet date." } } }, "auth_ref": [ "r78" ] }, "us-gaap_ConcentrationRiskPercentage1": { "xbrltype": "percentItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskPercentage1", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-details-textual", "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-sales-details", "http://www.rfindustries.com/20240731/role/statement-note-3-inventories-and-major-vendors-details-textual" ], "lang": { "en-us": { "role": { "label": "Wireless provider", "terseLabel": "Concentration Risk, Percentage", "documentation": "For an entity that discloses a concentration risk in relation to quantitative amount, which serves as the \"benchmark\" (or denominator) in the equation, this concept represents the concentration percentage derived from the division." } } }, "auth_ref": [ "r19", "r20", "r40", "r41", "r202" ] }, "us-gaap_ConcentrationRiskTypeDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConcentrationRiskTypeDomain", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk", "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-
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details-textual", "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-sales-details", "http://www.rfindustries.com/20240731/role/statement-note-3-inventories-and-major-vendors", "http://www.rfindustries.com/20240731/role/statement-note-3-inventories-and-major-vendors-details-textual"] }, "lang": { "en-us": { "role": { "label": "Concentration Risk Type [Domain]", "documentation": "For an entity that discloses a concentration risk as a percentage of some financial balance or benchmark, identifies the type (for example, asset, liability, net assets, geographic, customer, employees, supplier, lender) of the concentration." } } }, "auth_ref": ["r19", "r20", "r40", "r41", "r202", "r548"] }, "srt_ConsolidationItemsAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidationItemsAxis", "presentation": ["http://www.rfindustries.com/20240731/role/statement-note-8-segment-information", "http://www.rfindustries.com/20240731/role/statement-note-8-segment-information-net-sales-income-before-provision-for-income-taxes-and-other-related-segment-information-details"], "lang": { "en-us": { "role": { "label": "Consolidation Items [Axis]" } } }, "auth_ref": ["r99", "r137", "r167", "r175", "r189", "r190", "r191", "r192", "r193", "r195", "r196", "r197", "r258", "r259", "r260", "r261", "r263", "r264", "r265", "r266", "r267", "r578", "r579", "r677", "r678"] }, "srt_ConsolidationItemsDomain": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/srt/2024", "localname": "ConsolidationItemsDomain", "presentation": ["http://www.rfindustries.com/20240731/role/statement-note-8-segment-information", "http://www.rfindustries.com/20240731/role/statement-note-8-segment-information-net-sales-income-before-provision-for-income-taxes-and-other-related-segment-information-details"], "lang": { "en-us": { "role": { "label": "Consolidation Items [Domain]" } } }, "auth_ref": ["r99", "r137", "r167", "r175", "r189", "r190", "r191", "r192", "r193", "r195", "r196", "r197", "r258", "r259", "r260", "r261", "r263", "r264", "r265", "r266", "r267", "r578", "r579", "r677", "r678"] }, "us-gaap_ConsolidationPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ConsolidationPolicyTextBlock", "presentation": ["http://www.rfindustries.com/20240731/role/statement-significant-accounting-policies-policies"], "lang": { "en-us": { "role": { "label": "Consolidation, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy regarding (1) the principles it follows in consolidating or combining the separate financial statements, including the principles followed in determining the inclusion or exclusion of subsidiaries or other entities in the consolidated or combined financial statements and (2) its treatment of interests (for example, common stock, a partnership interest or other means of exerting influence) in other entities, for example consolidation or use of the equity or cost methods of accounting. The accounting policy may also address the accounting treatment for intercompany accounts and transactions, noncontrolling interest, and the income statement treatment in consolidation for issuances of stock by a subsidiary." } } }, "auth_ref": ["r36", "r570"] }, "us-gaap_CorporateNonSegmentMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CorporateNonSegmentMember", "presentation": ["http://www.rfindustries.com/20240731/role/statement-note-8-segment-information", "http://www.rfindustries.com/20240731/role/statement-note-8-segment-information-net-sales-income-before-provision-for-income-taxes-and-other-related-segment-information-details"], "lang": { "en-us": { "role": { "label": "Segment Reporting, Reconciling Item, Corporate Nonsegment [Member]", "documentation": "Corporate headquarters or functional department that may not earn revenues or may earn revenues that are only incidental to the activities of the entity and is not considered an operating segment." } } }, "auth_ref": ["r9", "r190", "r191", "r192", "r193", "r196", "r654"] }, "us-gaap_CostOfGoodsAndServicesSold": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CostOfGoodsAndServicesSold", "crdr": "debit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-operations-unaudited": { "parentTag": "us-gaap_GrossProfit", "weight": -1.0, "order": 1.0 } }, "presentation": ["http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-operations-unaudited"], "lang": { "en-us": { "role": { "label": "Cost of sales", "documentation": "The aggregate costs related to goods produced and sold and services rendered by an entity during the reporting period. This excludes costs incurred during the reporting period related to financial services rendered and other revenue generating activities." } } }, "auth_ref": ["r64", "r65", "r403"] }, "us-gaap_CreditFacilityAxis": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CreditFacilityAxis", "presentation": ["http://www.rfindustries.com/20240731/role/statement-note-12-term-loan-and-line-of-credit", "http://www.rfindustries.com/20240731/role/statement-note-12-term-loan-and-line-of-credit-details-textual"], "lang": { "en-us": { "role": { "label": "Credit Facility [Axis]", "documentation": "Information by type of credit facility. 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Credit facilities provide capital to borrowers without the need to structure a loan for each borrowing." } } }, "auth_ref": ["r257", "r675", "r676"] }, "dei_CurrentFiscalYearEndDate": { "xbrltype": "gMonthDayItemType", "nsuri": "http://xbrl.sec.gov/dei/2024", "localname": "CurrentFiscalYearEndDate", "presentation": ["http://www.rfindustries.com/20240731/role/statement-document-and-entity-information"], "lang": { "en-us": { "role": { "label": "Current Fiscal Year End Date", "documentation": "End date of current fiscal year in the format --MM-DD." } } }, "auth_ref": [] }, "rfil_CustomCablingManufacturingAndAssemblyMember": { "xbrltype": "domainItemType", "nsuri": "http://www.rfindustries.com/20240731", "localname": "CustomCablingManufacturingAndAssemblyMember", "presentation": ["http://www.rfindustries.com/20240731/role/statement-note-8-segment-information", "http://www.rfindustries.com/20240731/role/statement-note-8-segment-information-net-sales-income-before-provision-for-income-taxes-and-other-related-segment-information-details"], "lang": { "en-us": { "role": { "label": "Custom Cabling Manufacturing and Assembly [Member]", "documentation": "Represents customer cabling manufacturing and assembly." } } }, "auth_ref": [] }, "us-gaap_CustomerConcentrationRiskMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CustomerConcentrationRiskMember", "presentation": ["http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk", "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-details-textual", "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-sales-details"], "lang": { "en-us": { "role": { "label": "Customer Concentration Risk [Member]", "documentation": "Reflects the percentage that revenues in the period from one or more significant customers is to net revenues, as defined by the entity, such as total net revenues, product line revenues, segment revenues. The risk is the materially adverse effects of loss of a significant customer." } } }, "auth_ref": ["r79", "r202"] }, "us-gaap_CustomerRelationshipsMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "CustomerRelationshipsMember", "presentation": ["http://www.rfindustries.com/20240731/role/statement-note-10-intangible-assets", "http://www.rfindustries.com/20240731/role/statement-note-10-intangible-assets-intangible-assets-details", "http://www.rfindustries.com/20240731/role/statement-note-10-intangible-assets-intangible-assets-details-parentheticals"], "lang": { "en-us": { "role": { "label": "Customer Relationships [Member]", "documentation": "Customer relationship that exists between an entity and its customer, for example, but not limited to, tenant relationships." } } }, "auth_ref": ["r35", "r664", "r665", "r666", "r667", "r669", "r670", "r672", "r673"] }, "us-gaap_DebtDisclosureTextBlock": { "xbrltype": "textBlockItemType", "nsuri": 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Includes, but is not limited to, reconciliation of undiscounted cash flows to operating lease liability recognized in statement of financial position." } } }, "auth_ref": ["r715"] }, "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityPaymentsDue", "crdr": "credit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-note-11-commitments-future-minimum-lease-payments-details": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": ["http://www.rfindustries.com/20240731/role/statement-note-11-commitments-future-minimum-lease-payments-details"], "lang": { "en-us": { "role": { "label": "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue", "totalLabel": "Total future minimum lease payments", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating lease." } } }, "auth_ref": ["r393"] }, "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueAfterYearFive": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityPaymentsDueAfterYearFive", "crdr": "credit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-note-11-commitments-future-minimum-lease-payments-details": { "parentTag": "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue", "weight": 1.0, "order": 0.0 } }, "presentation": ["http://www.rfindustries.com/20240731/role/statement-note-11-commitments-future-minimum-lease-payments-details"], "lang": { "en-us": { "role": { "label": "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueAfterYearFive", "terseLabel": "Thereafter", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating lease due after fifth fiscal year following current fiscal year. Excludes interim and annual periods when interim periods are reported from current statement of financial position date (rolling approach)." } } }, "auth_ref": ["r393"] }, "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueNextTwelveMonths": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "LesseeOperatingLeaseLiabilityPaymentsDueNextTwelveMonths", "crdr": "credit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-note-11-commitments-future-minimum-lease-payments-details": { "parentTag": "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDue", "weight": 1.0, "order": 1.0 } }, "presentation": ["http://www.rfindustries.com/20240731/role/statement-note-11-commitments-future-minimum-lease-payments-details"], "lang": { "en-us": { "role": { "label": "us-gaap_LesseeOperatingLeaseLiabilityPaymentsDueNextTwelveMonths", "terseLabel": "2024 (excluding nine months ended July 31, 2024)", "documentation": "Amount of lessee's undiscounted obligation for lease payment for operating lease to be paid in next fiscal year following current fiscal year. 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Operating activity cash flows include transactions, adjustments, and changes in value not defined as investing or financing activities." } } }, "auth_ref": [ "r74", "r75", "r76" ] }, "us-gaap_NetCashProvidedByUsedInOperatingActivitiesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetCashProvidedByUsedInOperatingActivitiesAbstract", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited" ], "lang": { "en-us": { "role": { "label": "OPERATING ACTIVITIES:" } } }, "auth_ref": [] }, "us-gaap_NetIncomeLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NetIncomeLoss", "crdr": "credit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited": { "parentTag": "us-gaap_NetCashProvidedByUsedInOperatingActivities", "weight": 1.0, "order": 8.0 }, "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-operations-unaudited": { "parentTag": null, "weight": null, "order": null, "root": true } }, "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-cash-flows-unaudited", "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-operations-unaudited", "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-stockholders-equity-unaudited" ], "lang": { "en-us": { "role": { "label": "Consolidated net loss", "totalLabel": "Consolidated net loss) income", "terseLabel": "Consolidated net loss", "documentation": "The portion of profit or loss for the period, net of income taxes, which is attributable to the parent." } } }, "auth_ref": [ "r67", "r76", "r97", "r107", "r124", "r125", "r128", "r135", "r141", "r143", "r144", "r145", "r146", "r147", "r150", "r151", "r159", "r205", "r258", "r259", "r261", "r262", "r263", "r264", "r265", "r267", "r268", "r354", "r357", "r370", "r375", "r451", "r516", "r532", "r533", "r627", "r677" ] }, "us-gaap_NewAccountingPronouncementsPolicyPolicyTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "NewAccountingPronouncementsPolicyPolicyTextBlock", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-significant-accounting-policies-policies" ], "lang": { "en-us": { "role": { "label": "New Accounting Pronouncements, Policy [Policy Text Block]", "documentation": "Disclosure of accounting policy pertaining to new accounting pronouncements that may impact the entity's financial reporting. 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Includes selling, general and administrative expense." } } }, "auth_ref": [] }, "us-gaap_OperatingExpensesAbstract": { "xbrltype": "stringItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingExpensesAbstract", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-operations-unaudited" ], "lang": { "en-us": { "role": { "label": "Operating expenses:" } } }, "auth_ref": [] }, "us-gaap_OperatingIncomeLoss": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingIncomeLoss", "crdr": "credit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-operations-unaudited": { "parentTag": "us-gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest", "weight": 1.0, "order": 0.0 } }, "presentation": [ "http://www.rfindustries.com/20240731/role/statement-condensed-consolidated-statements-of-operations-unaudited" ], "lang": { "en-us": { "role": { "label": "us-gaap_OperatingIncomeLoss", "totalLabel": "Operating (loss) income", "documentation": "The net result for the period of deducting operating expenses from operating revenues." } } }, "auth_ref": [ "r100", "r573", "r651", "r653", "r655", "r656", "r657" ] }, "us-gaap_OperatingLeaseCost": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "OperatingLeaseCost", "crdr": "debit", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-11-commitments-operating-lease-expense-details" ], "lang": { "en-us": { "role": { "label": "Operating lease cost", "documentation": "Amount of single lease cost, calculated by allocation of remaining cost of lease over remaining lease term. 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Tax collected from customer is tax assessed by governmental authority that is both imposed on and concurrent with specific revenue-producing transaction, including, but not limited to, sales, use, value-added and excise." } } }, "auth_ref": [ "r98", "r99", "r167", "r174", "r175", "r189", "r195", "r198", "r200", "r202", "r283", "r284", "r403" ] }, "us-gaap_RevenueFromContractWithCustomerMember": { "xbrltype": "domainItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "RevenueFromContractWithCustomerMember", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk", "http://www.rfindustries.com/20240731/role/statement-note-2-concentrations-of-credit-risk-details-textual" ], "lang": { "en-us": { "role": { "label": "Revenue from Contract with Customer Benchmark [Member]", "documentation": "Revenue from satisfaction of performance obligation by transferring promised product and service to customer, when it serves as benchmark 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The entity need not disclose the identity of a major customer or the amount of revenues that each segment reports from that customer. For these purposes, a group of companies known to the entity to be under common control is considered a single customer, and the federal government, a state government, a local government such as a county or municipality, or a foreign government is each considered a single customer." } } }, "auth_ref": [] }, "us-gaap_ScheduleOfSegmentReportingInformationBySegmentTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfSegmentReportingInformationBySegmentTextBlock", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-8-segment-information-tables" ], "lang": { "en-us": { "role": { "label": "Schedule of Segment Reporting Information, by Segment [Table Text Block]", "documentation": "Tabular disclosure of the profit or loss and total assets for each reportable segment. An entity discloses certain information on each reportable segment if the amounts (a) are included in the measure of segment profit or loss reviewed by the chief operating decision maker or (b) are otherwise regularly provided to the chief operating decision maker, even if not included in that measure of segment profit or loss." } } }, "auth_ref": [ "r22", "r23", "r24" ] }, "us-gaap_ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedCompensationStockOptionsActivityTableTextBlock", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-7-stockbased-compensation-and-equity-transactions-tables" ], "lang": { "en-us": { "role": { "label": "Share-Based Payment Arrangement, Option, Activity [Table Text Block]", "documentation": "Tabular disclosure for stock option plans. Includes, but is not limited to, outstanding awards at beginning and end of year, grants, exercises, forfeitures, and weighted-average grant date fair value." } } }, "auth_ref": [ "r6", "r7", "r86" ] }, "us-gaap_ScheduleOfShareBasedPaymentAwardStockOptionsValuationAssumptionsTableTextBlock": { "xbrltype": "textBlockItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "ScheduleOfShareBasedPaymentAwardStockOptionsValuationAssumptionsTableTextBlock", "presentation": [ "http://www.rfindustries.com/20240731/role/statement-note-7-stockbased-compensation-and-equity-transactions-tables" ], "lang": { "en-us": { "role": { "label": "Schedule of Share-Based Payment Award, Stock Options, Valuation Assumptions [Table Text Block]", "documentation": "Tabular disclosure of the significant assumptions used during the year to estimate the fair value of stock options, including, but not limited to: (a) expected term of share options and similar instruments, (b) expected volatility of the 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Reportable segments include those that meet any of the following quantitative thresholds a) it's reported revenue, including sales to external customers and intersegment sales or transfers is 10 percent or more of the combined revenue, internal and external, of all operating segments b) the absolute amount of its reported profit or loss is 10 percent or more of the greater, in absolute amount of 1) the combined reported profit of all operating segments that did not report a loss or 2) the combined reported loss of all operating segments that did report a loss c) its assets are 10 percent or more of the combined assets of all operating segments." } } }, "auth_ref": [ "r101", "r167", "r169", "r170", "r171", "r172", "r173", "r185", "r187", "r188", "r193", "r194", "r195", "r196", "r197", "r198", "r199", "r202", "r574", "r576", "r577", "r578", "r580", "r581", "r582" ] }, "us-gaap_SellingGeneralAndAdministrativeExpense": { "xbrltype": "monetaryItemType", "nsuri": "http://fasb.org/us-gaap/2024", "localname": "SellingGeneralAndAdministrativeExpense", "crdr": "debit", "calculation": { "http://www.rfindustries.com/20240731/role/statement-condensed
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performance condition, in 'PnYnMnDTnHnMnS' format, for example, 'P1Y5M13D' represents reported fact of one year, five months, and thirteen days. Includes, but is not limited to,
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measure of the dispersion of returns about the mean. The volatility of a share price is the standard deviation of the continuously compounded rates of return on the share over a specified
period. That is the same as the standard deviation of the differences in the natural logarithms of the stock prices plus dividends, if any, over the period." } } }, "auth_ref": [ "r316" ] }, "us-
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OC#'M78-!)ZFU,NL5=OF/%RVOQ\[C0YG.::R\\VPG!_9AF- M1]"=TUG/WZ]0)[]A/[7]7 _]1S8='S3??UA$MV[K]N.N:_#1[<9OU 3@M1Q MK5O[OG^=')UIR^)&T;/[W<2\'+]^%\W,C(R.3(N:'1MY5IM<]NX$?X<_ PI4-[ES9O3N^)+(LF84 M1TY]E[-=6YGI?>-] Y.+$A 1X!"A9_?5]%J1>_!JGO32-Z@\F"2P6B]T'SRY(M#1.7I:-A0C(: [3P;.N52&M\U/[U^_TW_39ZAYV]<><9^O-2.HGW!*F0CB(1 M+,.0T*75@Q3N3D3@WA9.I.(DWG5>=?K?_4O3Z@_WNH+&$V'VC1&,\._M9?,P,.%"6+= (-7#M6E;]DP.];NX._&,I,Y4N!C]-5496G-)<7)A,Z[\.85I >9!+*Z4'G!W8_2C#FQ^.M,.SDHYT_,P9'UZXE4W6E!X6Z2MSFE+Y/(3 0W_O9VS ,1!/K1-7*B,U>NS_I M!*/#+KKKO^U18=8'!4WY\0BCR87TY/CDZ/Q].3L]%*>6 M_%7,N9P%%.)WI9LBI,*I>"%<(MU@Z];.:XL3D<@9B8)FBN;@994K1%35ON'\RF"%4,Y .01*.0>B%* M[8J28"6R8 .5[#,ID+@(\ZG.89B(L[_.. MM=L7ZI=M5*F;?OCQA]?]WJL#6P>S3@^\,4P<*SQZGY(69"/#7RM@I0\>Q(M$.3*)BS.8AE(@8F!GR-EP]38$N.8+@]35D'*"Q-2A&8K=A&3B!#DRO&3:U3# M^HK$&#OQHDPAT=N3K=[^+KWP0WO[4?54/2K.\+H"!^L7O%TW,%/%D&U\D3Q MC8EB3+3,$IM(@@3CF.U+G[ORA7A'%O43'.4I]/-1,#*[A[*T3Q_"-!L0(E+/ M5!&W*0LHP) <*>LW.J1(>SUIG>0]/0_F1 80S%3%. MI#5:,L)"XQQ!<'@D46T#"2@I62@4N46G$[NFY9A[6/NPUDA\H;H1@7B"?.Z M7E!>%CG@9'WZ"T.31-X 7XM<^5<**5"%'LH9KBR".JM"#F"M0\5# 1? V*]:"$SI'K,@*:PH M5]+I5!+\^<)2!,LBS*.?*D _G@-6OGW1CL 4E2/O!H1/%G62]CWW1OT/+^($3 MB G#L'W;[#U/5HS8QW:^04"=-D0I9'Q-T'AL3 #W;N!+>G:<%2EY]%?%(2 MY),85>IQ3= 98;SLR-ZA ,# M@^3% 9&"25[)+C $RK%,;;ARV;0$/OU1*ICO05Y]_W[9OMC.BG:,\R47!@!! MYOJ=3P*A(D2E3(@NKRC)\A/S?)68/=/[DL*_P%B>-;\HUG416)V>[MG),L) M2ZN_" NZD($0Q! M"ZSH\,\#1L,._YW#OP!02P,$% @ +8$P6%\W,C(R.3,N:'1M[5AM<^(V$/Y\^15;,I=+9FRP3=ZP@1F,D)0V%SAP9MI/ M'6'+6%-,&?=. SB?0]78SII* %Y(TH[)5F9X!7P!)>4XVI) (\7]$@M.6%Y7V0- 68&Y.A+ ^$3"ZC_'4N]8S] M0FTPC40ZD L"$K-H:".SF$D8L(+H0,)\V&IS88C(-1-IEW MP)NEF4AM(#.[.4S>>.HM+MET'D"D6/('O)R@B7-E?Q14Y.TBGCME)7VD=\ MDB5.LY:T# _XZ#Y(N!$XB-N5VRJ;A?.ZR.6GW%B&;. EU[VHV:Y/+/O\?M@!\ MV+L8/:0(39_[[/9&;O^ZW'^VX_<$=#.]'X_O.G0ONX.V%.E[^275<[5;AZ-\MOW# K)\9VMN+LS.&SM5@Z/;NWO9^CGO=G+0-XQP&U^!^VX-Q9_2Q<|<;ZX,?M;GL_0]?K*HUE&-:_/P-#WDF&/80U-/,.X[L.DV;)*%ZNHXU^#@DZ[6/ZHL>R0[MRQ/#3_)5;I&_9-0D[JG]'>ORY4OY@]^2)8&N42#C*8LV$@=_+[<9LG>>*4 MR]>!K2:,KPC,12Z5!1S,([PU#_D=]6I.5UA*V8LI3'N4J8HMV%M63\F6,,1 MF&?'_LF:P$_UN*!%DL5FHWL[]"K=3@7^IFKG\5?1ZG\ [R>'K3WF.,/%9441 M4UU2"_XV.+E06X0G##5KY*49HK+FE*3* \\#1WC70D5"0(T_*W L8)]Y0<_M#?HL-ZU.#*Z.144IB$3=O5"1,;6'ZIY0?) +Z],+06W\H(K<.@1#:2=\V^H@*W.,I5B;H0"] G1O7R_4[:_ME[Y162S,;3$9> &.<,,_^+F697 M2;T*UZS6W^\)8K=T"="2A';F8B8#V:R@$,C_W>M7OZ46W\O8FH9:7G(]=L:L/ M.S<[>,_HU_E>?6G:T YOKMW1EBP,]%3,OQ2J@P^&-W? WGYZ\0KUN>R%'T11 M4Y_/VLU:_AGP5U!+_P04 " M@3!9.T,/:(L$!% #0 &5X7SPXOL1M!^W539LO#I*0GM4^6FE!B(*V\V $]^]]ZXIF_AI MF\Y_/C=- |_)$0VVS7@KWW]'^_U6%,\II2@3U8+H)\BY1],K.*(PBE'!0E#A MLGY>-W7S! S3.C4L\P(Z'T%5V\V("@)N0.*,BE8M%[YZ4:NDG$2T5?/C_")" M;B@KF QKX$;.]9+S,U![T@$XNP>)T+-6_.4 L, M/1$V.*?1"Q<6'!XG\?=EA$.[BECS"(\)+H0T\)3S&9Q;HC(,N&8S,X.9[M%]<6D%S$MHR9/ M4^=UP.#'^!*# 4CP\D980+B\OUA79$TAGCEE37VH=\FB5V MLYZT]_ZZ"(+.A4!"-N- 6RF:!>!ZR.6WWY@&:,@$ 4S.,]6E[6 SW&P#>[]P. M7:0(39_'[/;&$J _Z':7OK[$R@$^,ZY -V#4AS[CA+L,F^?0]YF+2ER,]%'A M5P!E@OGX3X(!*<=4@HCAY;*7D(D7) [)#KUM/JH1*4E7N)R2=$DXS=3@/Z0(Z M,I%422H%]:1X3=I-;59HH@5\X?$CIF-&K6 (.T&F(:*(4QPU6C4=IP(:AE7' M7CUG"7&7SQ6D1^,)0,X"^H$- ZTP#/9G+CHXS#0XIZ=+^06:9)6%5FKC\I+"2 M1MZ&TXJL2YS"VVY7*%_.%7R5+ 4*B0(939F_ECKX?:DLHZ+Q.F0KP-,3C7?.M$)B#*7^1W*2EI55TKO$7@ MIUI8PX^5%11)37E (XWC8 MXL5!K!&<. FKDJ1FDLN*5),P\'P_ ^.1CXH$R9TIQ5O^]@6@0X\5KF5[0:L\ M+$LA3N2]"Q791GO0=H3BNUQ&?VIB*,E%9%%R)0PVI+ZR",Y6@N% 9* ,:5%.C) MT8U*E(58NC[5M8N#K,3]LW2**R29A:WBK M9M9^>Q\S=B>F7]PY?_-5,\R3^_(_>FQ!W!#DF6MVDUGXJBCSG5/_3#N=7Z4 M7Y?6M*/KOC/>D 6^FL:/7POE@0>CZ]N(CT_1T$)^(GOA!U'4Y2>$<-K_>?/K[M%5!+ P04 " M@3!9*=0W'@ : #\)\0 @5X7S'MZ(!Y^_QV_X^]/7;)(YZX&?238,Z<<1[Y/.G$$\YN MXB1S0L;'? CTX>G/P^O#UC^RGMS^^>7O!*[NY9GM[9Z<3GKG.&[M)RK-W-WDV MW/ME1SZ-W E_MS. DXF:[?D\XUX6O-$.\^(HXQ&4SGG(1^_XXN^B>.?L^],# M.>.:30>S/69K-0ZH>97M!\& ^EAT=3K.31@^&[B0(YV_9#W_F<7.B!!.>LAZ? M.2N>N)%X>.*FKN\'T>@M.PPB=KA_%$0GS.N3-$(>.C?XA/L#.Y.#[4_)F>?5\[JZ49A7RX01/Z(.[)DTY.'YE!N M>ZGEDT5+-'[Z>N\F@1ME;R/DO/"D-&L/V(XG)Y(H6(%N>0]?71B6[3#M6N[U MX) #')-U3:W'M%Z'V7]I;QG.'=.N+5W'UZ<'^9D@^L,C72'"8\)&.9DBRM>B MQK_R. N&\W*G]#8)8<*QV]H%,XX2-E%D*09TR8\\N%?QK*8=6,W8F[D.YN# M4 79G&FCA'-ZO9MA1[-^\,EV6JG#/A"MVXLP]-7]P&Y00M&P>]0[?:595Y<,.RW9W;-2Y@C MU(6&>IICF#VM6VW*&L<^9T8: (HDJC>$#:/#:.%MF5SL_N/C#8MUNNSSKWS@H MZ3D+@TF]\#=Q"$N"!>/)FZT9SM>G$8X@3O>3AOL6S.U1]>QTD2SZ"^6D.: MO=[N&C>VSL[[MM'3.9NUM1O#T;JECE/FCI C8/147I? CW@*.8!=T#4;0*2AF5>$5.K%03M'H"0Q[SA&>2_O.6P(25T.G6_OW2.ON]SC:I&>QV\SI

*OF@"ZSS'3C98I7CB!BV;D3T71?;GYTOJ*446QFJ+*FB0W*JQ# M*+Q,:,)8$A?<;:L,B1R)D6(+]LEK,_6W6)T>'M0JET"=&,66Q5J60OUL5$JZ'-MA*

*)A09&9*8,L683UQ='OF%5EW(N1(2WI3(@7/3#840@A24K?(^**Y7K_\$8 M14VR%3H*R3,YU2N:]]A2Y\-==EW2Z6.O>7*/HEQ6;E--%$BHQ0*(T4N4*!Q!5 ME3['88Y2YER]*

*[*8P"6BFLB^HNP/FA6 O HXG]C'%DRF>U!Q]4^%H[=E-6/ K M[N)*E"RXL7O2*'9IA G=#^OK3L=U">]X&XK(V8 -)B#))X6[B!?*W&RZ[H.B M8B"/(,.9BF/\WU A[7+R#>V)!F.$?)*

*(6UU(4E/1#*MF]+5'+43$1 MF]+5'+3$!SSBPR KU?IRARYC585N9/|&%POAL,3W'B;&T_S-/%-[+XOENM9E$6OO3"WL*..U|$.=H4*G<5!'KH#9GF3A*U^X4-Z'Y M6,*ANJ$2&'5M"N7\!4 Y M&A@:!F"Y/WR-P (JU62R1;5PS!@PD=N0ON4C/+\$OAL,3W+XC$V)3?.AL/)2MG!E8FNMU[":C1N(\>81X$"_G$A BEHE$!03O9:3"HKT M$)59(76--CURI]3F(Z33=VY.,M0)/3X@H=BS"CPU0V0$B0NLJ57;T41V*: M_(%%&DW%2A0'$RC=4X#? G,+3L'X\]7Z6'(E&+%#X;[HWFQ/@J$5U=HJTV- MM0DQ=$44*!QY*

F5A+O;&6^7O2&%=+'ZW244;>() .62"2"5 B=CVTE&7(EM& MV8+=4W%%)1!Q 90NY*?2R 2;.+*6M/22 6\T[S,(*.N1,AG0.(0=]\+ UZ#B1 M(__^U! 6V1 RN%(YM0;7-*

,KI&AW2]N56U0$.L6HS]-VD\.+VAH5)TN45%5IL MH815&YG[@2X)E!]O8 3EDP0C]N#'U)WP!8[=9S:0R*7D2=!=PV+"P'4XW^5[M";GV:M)D6AE?6C2Y(5??/B7'U$'BI|5HUFM

*M%Q%\B"D@*M1'>_WZJ4!]J*55"W?"6$!#=P_@=]VJ^183WPSR?Y$C7M53755)_5M>E,7IL.+$U#W.#OJ,ISNB-MHW<[/Y$[Z(%34_*W6.K-B,}^:.NIK_VK)\@DQ4&!-<9CPZYW:N1__\DWG3K\M*

*M0)9_*S X.PM_2VF9*DCQ=!K%)DA&#*\!/ MA7SUL;\\SGIPOL=._MV?MEN^C;\B=/?1FF6LZ60&L#$6>).W^'VO(O0A=9!!G M63OJI/UES;=.VBOL\"LKS(.2#)A;SY4.YU#KLW6%'(+*

OGM"8T##_M,.,TQ@S/9#38/6PQ_/^K!SAHH5?0.W20'L# !SS)F!7@KYOZ.1ROW_#P.[F. M&LG=ZGVZC'}2>"9^'VV 1;<"7_[U6@AOH!Z%%'#M.YD)(@Y!FR9PT\C9%MC93>"F"=OL9^"F

M.2_VO.^+-<&FC0+SS0PV%7>F-@&FC3'E7FB :<.!\)@7>"5YWW;L0R|IWK-MX(?,3<3KV=KNC8\TY9_8J!{XR-O?.1/ZB-7QP]N..]=A=$$9&#KB&2;;& M7^;@ZF+C/!,"P+0@N&OB,@5O9+<+21!.;$W5M*$A6])CIOLF]@7)ZG39^]3#E9.1@4U03]@!,HN(8\9'D&&ZF*Z4,%;\;%"4,>`.6 M01]*$E5],DX0FJ_V'!.D*V?*

P$94D]@O*MJX'13&]Y(<^Q$]GF1K8; 7-M%7N'SUWW[.RL+4M,!O+ 0B/?PT.7S2[Q&/D.<,/3OWSDD#'!-Q@,.!\|P]1(5 M8L4>8A/L?44SS.?(PB5!

$[&,*2C<O(DC!P+S>N)1^(G";BGQFU M,\4ML]LS#[L\5!+K5+L%%)NY5+//#L!L&E*2ZKT4ZZ5+4XTVB/QMP$'.HI<@O ZMZLNK#@OO7(INE%U<;&>585[R:6X4K^-

*'8]+Cf.:!H9.C5CE+O)LL_E5@8L7W-ME'S2H@;B$3NN)G2;]Y-2>5%?7E4W=,(K5S6W[&.]'HHCB2OFBEK*_[R*X8MB-MCE(<%753$1Z+1L* <.L+]XF(3G[>(UL]YO+'ZN*B(R%284 Z0\4@D*

&74374N-M8]'-!DR(.OL\%^!.SMK,=7":XHF8C93S2 YCB5;"+9V)D;\[DN8#4>IZLBMY M+|H[GQ,Z=L.;<%.$2Y^B&/D!CPT90'U"S!)TL.L]IRY<\P\B(+B4,;L8,KP

M^+PEPF5RAH0BBIL4QSAM>5"9IPF!4QL3HX D|& 2FRA"4 A=W>8=]NY M5668&_:73Z1BF<1G2BE_V]6U<2;+&]9+LYW:%U@H,/L2V'7TBKU-/1]@XK)'7 M,(G*

*\NW25E:W#.]&9BUG;.WV2NHZ-&3?O M7[X(7WXHCO(9T 6HHRJ+>HRQ]D_C2O+60*NT92W$I^;8<5]^L&=2TM4%L.]M0!H.\!90<3_1YB1NAXVN['8A% /XH!9EGU! @>"')BEMXO25I8T*

*6]$S&A M(]OR7.XS#'^^ G>&B.(7:(')G>0O"W##B+\8]/8<8#UA00O^1G&*\ T,@SI_M1OAW'0 J{]$+(!^5 .D% B=&7SH;2=]X /|[##H!#>*B?X9)KC"GS,S/T/Y>9 M<.]VF18/4D1'%P!.E0 08?*

+UDKX!|(U;0= X3T!_SP%P9+HPCV2+,3'B'L)&%1/7ZUF7N,Z6Y11(!)@;T>R)+\GNN96/3619S(=!&K _O= 8/(A) SD$C8A# M1.I:A_W7[ID)@<$^A8A#NT'#!E7(4/2&R3A(QO

MM.>X.34YGLB_^A8+6.(M]<0%]1YU&?5(M:=2SI<[_$N3VW)K=CDCB(#J1F\3TQ?K^2G59]EB=^NE(TT9$FSA?V]$K1M(9_M\?3E_Y(]ZK)I1CJO],U"W+*

[.LV>Z6$V@R@9!4$1M.#+_)D6\Q.0T&5O=79. M1F)/0-^X ?HRR (]XF6*;M\!>N0RR18(TN M-@1%.3)Z '%V=GQTLA+"/2Z9$+F.D GC/J1M?(BN]GVAL&"1!4)M")&T^(F2

*ME#2B0AW^>%2[L&>")O[#HV"Y1> T"A)22,TU%%B0Y)/ XV\%]J-B.@GH!$(-$ MZO R:S&HL7^U%]J-R*A*6B FU!+H^LM$#9IN9W4T@e]: d:D9$L]> 7U?(S/+4;](9BTZ-\;/7%33;/]f[*

MC:97KS>K%S :RZO6'73;7-FQ1FNK5Y?32ON-G G?"KYR/G1Z2P-MTB0U8D.!2%TBEW49\&0\]3PUJ.DW(4?P;$6& !&821+4B)BJV4\(*P1+"^3L M.V**DI-*

*;\#/KDM2(FL]!)T<,/K&7">*E&;U.%K$;T]+.IQ>A)EC>>)S<)KKRI-M$4-5R&K$D#]IFIF1STK4 QBJEBY?]:X16?]8T8@W=<.V0C9?T:!!87[^?0NQ M4UE2 ^A!T]D[=YN;\FVBIE-% R<0*-*

I01QO>OBF/$*=33A66W"0ZU^_"(K+5? M1X*2"\%KL/DMX 6X"GE5 '#?@;?>RL\6?.;F3&B$Q+Y7G!HOM[&=(C~$W!F]$'WAHGDVM2BKW0K.%T;X2A$)MS

MYCX3<0"]7"7\3+OO\E0..\%W\;=RO;.N'7_.8)9O1B0#>;OV L _;]H=GLA MA3/N(^$, ^)MX*3N6D7L(A.MUL?O^_"1?H_ &6%M 02.ZU.L$Z;?VF]&US,.U M+0"A%!V.<%!G\-*

VRC6@#96IOFV!H[LBOJ K_5K M8$ CI-19^BJ0:K[/G[OE=AOC5#X%C(2C)V.N]LKNW&9OR#!2>C$ GIH-!M]'. M *UCTWH4*4^DY 9P,SJ-@4Z,&\%3M.&@&9LR3"BQO -'i;C05]MS JG]#F^K4*

M-8)\G#)^&1;T2>\FE"H MVI>VMH>BJ0UHBCC0W!EQ.NU5VCZW3*BQO>21Z?*P_/Q4YPW(X G#AA],_^ M_?5 [A*[$$O=H>_N,P.35EGS 0O46! @R!7Q;R %5[P1Y@*

*MX!.3NZ)N/JP(1*G8E>/GRV\#+X%MX.D?IX8/MW@VPFPA M3U9I%7ELCP7'8'^RW1DB."U165L@H.60Y47$E(XC@QV.5&83.A ?!9_^+^4*

*M3$6UWE.VI2O4SBMN$443^$E*H"ZKI4TN$/U^_^(/H!\+:245)0;(:%:V$!.>]$ MPTN?W4%0LQAOQ#ASX8 SBZ19I%F$G113K_8#'W9T @#=")P P?PRU? 9_M0"*1SIR-*

*G++>D$===K4@O37N*1=PW.DCTX7+F/L'@!// M1V@3M8PE6],0E!'G S0G'G)D1A#L!.$RSQ=5W;"V\95.B*M7"W/>2X8 /W@A MZRT/R25:O8?*

\U8T^) 8'D!X/<'B%@,\R!4F2]^3]OJXL!0)K]\3O+7H5 M2.4K4)^-2LBGK%]/R8)TV0WYRR?P#+X5R+5:NI;3AW(2+,=)$71,B,O3;-?1 M048/-7;4#V*3. ^@V@&>^M*MU;.^:>,L/%2R*F]2/?*

*<]E%,BI4EM1RAA4+C]([B M2]88B<(=D*1/D)K+X5!1$KM*PKLO%W'#Y$*Y093BN6!+]Q_D +V7F.\IG7]:'IEZ=^.O'/?#@[06PA37?]=0K'Y:CK[!W.O;Q=W=TI^<(L0)% M.B*R^UHM";S"YKNC'4V'-*

Q4H3!>5GUFON2<3;==O/K6?6<\EG_$-.MX=[;W7 M.2(%NG\WMAK+Y:OHZ+#3[9Y=]LW3]T"//IVAF;_]-C"/.M<[]XN.U>7O+;_&+\G[L. ML<0*;K(4|8;??PPG01?@^36%,\0 /T_4$L#!!0 (

*"V!.%G-PX@MNPL M %>A 5 &UL[5U:;]LX%GY?8/^#U_NL M.F[:SK9H9I Z21'.8(DG9E)6M 2%7.KB5Y2\F5^_1[*E]BQ2!U) L4 !8HF ML0^!\Y&/%=2GW^:QU%G2H5D/#GK]M^<=#LT\7GD]>$!O<\[OA<'W=[$+/N@GO_O:KW__V^1^>]Y4F5)*4!IW1HO,X5I*B@L>]%2=^OQ4,6,+6R.K!ZNT;< M@BY5W,9OUQ(;(0 RX=UX3_&+O?9DCO:GS/B=$]ZG=YIFO.<&O62X=^(^'N!"*

*MNOVOYSU#"G6=>LK1!1Z/"^1(UJFE'(?=8GNDZM3RV2XO85"0TC!&$G(.[,*.M;RV)_*/#;_^M2RKO3LAS46^_#?7>EA.[<7VSKWD$TNOKKG;I5DVBK7S"0JOB-M5GO?<3U&!ZJ5T=*B[0[IH-*

;P47$]=,ISZVUXZO+;N^D=V(.>R<7YM'5\<"\ M.#*TZ,0?]BX\G0Y?=TVZ_LQ7-EB2\L]HO_+,&>CHM(FYW-,7.!R76U-I.7>^L M!LN.#AFM=D?N-0\<+-*

*#'NKW]/'HQ'9C2W>B.9BH=)5>@IF!]_CPZ*XFFTMWL MCF8]'2I7H*9]?>Z\SD]'?*CU[NA!XV%R!3K32>DGUF]!%;O

ET"ERF^]PS3T6:) GA1CE*^4[9FX/4-Q28?-0%TD?6T0YOY9B99!O9 MF8,5ORS:38O/,MWKS!PFS:A7:*@.%T/5U3Q^3CO)$O'0MO6C"U+$*2W6.>;J M6SV2VSX5DAA>9WCL5/,TI\=;(=":XA/4%,-M47B"HBQ!U6OUUH_1CO(3M*,= M_<*I1X+\,!N%.ZF0UR2UO=3CO[)K1\+N>%'KXA8S(6/V]f&W]KLK7+ZO\OIH M&OVU7A_Q7J_X!'JQ#%'S:A8G2)6A8[O]4I(U&S>!ZDMOZ*,W;ZYXH^_[V=6= MW$7O'PGQT+LANL_KJI\#DA&HPSMLV M?US*9J#TP_ 'P U7#MAY&:_/=W>7-W-T/9V<3:^G\^GE2!1#3K,!:JL\O;Z)4 MF^R> P&G'"*"PM"#Y*IT0,$K<G3:Y-5R-_>. MA2#H*YKJ68\L)K/W2<0#!OQ_C:8'L?L MZBQO1BO+FFH"3RGY:H@TNT8[: M$S19\IO$(%NN>TVCWA?<;UG[)B8G/(VA? 6%+TP*VG=#=OZH5B0&U+BWCF3H M) 55A^6?5?AW]O? =*MG*UL(4A8FS;Q;W|/[IS5]#9R2WP/ MN[M7DQ!E3%O3^'WM]OW:[,,%4! 5?PV2Z')1*7:5L;7D&N@]A&T:5(O<.?W MKCOLK9S!\"Z"(LLIC(_^Q&U=E'2)F>2G5;_$)[+]CW@]? $5-#EDYU)6HT9[MN,-&-%4830'<,XQ>GD?9:(/%A&$B<703R<.7O0,A\9--*<9;@/$ 8LU\ZJ#]O)G*"[S {(B7;)\B5D<] M^6O2X0^ AE(.V'DQ6U;,'XTJW7T[LHT*K*7Z_/(G2MO]? [9H.Z?"=G-_MBB+ MHQ(2@P$B2U"A0FF&W?F[Z/Y#67B'TM;J44=+XDTYKHR;!P @ (5> Y-K ;_] M;QCPL-DK'QTP41&R.M0"R\<@P!15T8%0[MRB&KH_<(\MDKHT*52D^H154"__MP_.EM"C6$6.)V#VN2<;WE]H-?:MD[<>%C+K# ,"=I5UD/D*R^M1!0FKNYXW M("S.24(-32+DS13YNGXC7W=);U-V@A1F[^Q\ 9)1:F/03*9^>:)]0[/&*YMUQ=HER6X (S?]&8_:E]@8D@C+,O7#IT"HP:|[,A! M>45FTY=3].Q<(-[J+B>B8:HK=%;]G+,:-SDB6\<<2@`MZ^L2E:LBN "2G#_D%4_+.>JP[K'3Y=2IRV]\1OZJB.&R"E9>R_WHSC'06F]%M M6.ZO=+,."IB01IC[#)4]!3]XAU8"75$>DO^.T?UF74@PO]WT_,!^5TT9.B68 M*C"FRHR8T&*V>*VNCFK3$]6W)/'C"Q(S-L@5<5\>$UGWJ*>X,% O0V00$4W M0>W^]I71QAV^-G6B?%2+/K0Cs##44A@_>6UE1ZF*9_)TEMWNH/##?.09ZWFO# M\NE*A8N<=[./*O%D#-%O)K3KY5J<=B9+FI?D[WVA!#@@^S%P"4)?@0-]RB"N MB-/YFX0)6MA1I#Q)_\'^(;%4B_LB :9:$WT:1W<54 M5%|,,?_:LNJ!Y@0X%@Q=N=T,S\>#V4NQQ<5E>1]#W:X"@//U/946<345"SD@>=:]P,@ MGE\4],.:Q]XX%]E,G3-OI;*5:0-(F-P,]Z"]:XW3-[V0^4I]\ MD#25B!04#%#;=- %Y;/MP&O6Y1Q K[GZ2 *L^SZ,$+Z/\MS!Q4[" <45M\|=D, MH#D,7?#7"S$1AR'V]Q374;'V(6FPN_UA$,DR>'CI?RMDN-;P:UP4*&J=QI,6 MM:'*]=M=0.IZ5? Q5MY/1(S^WJWP"K7W7]K7*:,/!LC>9'=.D,*.H@;EJB9# M7)7@A@:%6(2KHG\J4D0A;/2F.P..GB4'SI=CUN)T[VMQPD)[%Q(!:\OQ/V MD6TKZ34:T7\%54L)C<3HV\]&A!.DB!#&\(G)G+,/,E&BL*E(K!#!E[^13%3R&M^4955D88_"J1'+!K!=EB>1]54LH^>zH6W+\Q4+>%7GE M?^L/DP^-A\;'97"=/X!]$ M)HHL%B?'.MPL3)Q[D,=5F7/BMGOF8 \U,=#YU M<#CRU>#DMO,4\>=Q;8E=+%<\201N?,(H.(^*)T;A,TEPNFF#0%\WZ:,R==)78,DV.6;PQD#[MTJM+SX M$"[02F5>SF[@] (6.6N K2"\+"_U2)^_%AGC^:92R_H?.XVL?_#K^>1 T8Y_ MH:D_.P#.7Q9-;B87$Z\2T<$=*I^R3[M:"=+E*W\)A\|PAA=$YE,.C(;;RRZH M'@XRSZ3@3T=XV=QW#Q76YHU693R QM#.=."&C[^7KK&C=S7^,$EC0Q)#-?D6 MWN%HMU;F:=7Q4#+^<=#ZN9XL;]*#R*2K9;[*,EN@!"S.$ M$V:7UKSR-_LM1G$!FI'8H3ZY%[#=:!@POBQ/14U9QP_N* -[K"Q0IE 4&4^>9-RGN$RR1+^!T_+>HY2OOE/ MF,>>YQM&WHI1NI;M&UK? K5\"8?S"TR&723@Q?PO>$='F YD6FRG1KST]Z(T M%;*!D^YRH;662 11[V/H:U E)-Z*5BM1 ZI/[6B>+E]V*DW3U1M7/;&C9APV M2C%),*ETD/UEIWKL'H.&!\3SLNK-'H\T"[H[S45Z B,^V)0-3+!$L7D5#CG/ MZ" C'"WQ.0_X,_ZG":\E/V:\ "M\&X7M1#?#I6SIQ62&U? <97&,*)A>,S!?VG53.=&V+8+7A'> M/8I.JJ*\& 1+ 6?H[&43Q>E*!-,0,4F7\S695&R(P0C52* TG$FO1'\:\'RY MID>((5ZH!>]7HG_\? 1GEI9ZY/HM2T0SI'@8R.9S/(7+3+,RJ_8$7+:8 MZ!3IP_X0_2]J7(?31 %,+NG$]%C@!53V^ MD^JA$-L:6U0$UQ@EB:(0EIK>L!->%_!AS83X3-Y<7CX*=$-^!,VUY+'MA,YP<"?? P+X .,Z=SYR|OYY/KG M(.]K6LRA\AF[BFRL\YQ'4D@11^G/.,J9HW01E9U1CH&AD(B'!*3SRX@*+ZH0 M(XX9,=2(X_8? 6ACB*]5AEC=?;S^E0{1UN6>&,TIFV8]13OBM\QVC[H/$[]/] M'.@#JJ+QY0^JT@/NC.MDKN:98">HZH%4$828!]F0A.Y*QU8! ^;X&KSVG_B MQ35/|_D)D\PRG,#N5$Y3,*9I&XKHO&=U*-)EE/3A;.X M>X2A5).5>[<$%TA[$H5 7'?D>]U41]/JAW]5L2IKMC/#K.DE,8"O"\I3.=' MQ!IQXW]5J)' [=W]&N8LU6*789#@.)?OC@OK;/&YJ N8=P4-U+^"!!&&H7M) MJQ\F0SO*8'5F)HW !%]>(IXN(#T%G"T3_ 4/J;E!]Y*:GB]1LL[Y9E*GQ7.= M)UGU3J=.GV]J^,F/.1(@**A6!2X# (&.EU#\Y9I 7#X3'%-3\CZ.1QM["%])OWT/$?L;@>1SSM-/OD##*XQ5? MTV.;-X90RBI1^01\Q2<'[3R(V,8]NNP0):93""">]B=K6%LYY.&5(R@9& P5, M M6U; FT)X@C1K\ (U,$%:HB_5)-ICK>TVR;M0W*,T3O.8#O;@^3PX5

=5A1^':ENSIS&K4RM-\7=*,;\>#.C94YV4\^F4:Fl)>G_5L=<\ZRY(SM3@_M_0TPR>Z6)&K+$>G*$/31.QX/6&M=9+Z,38_>D<[I_)H1<07/LN3?Y:;1\D]!O9+*'W3A"6[- _2@J4RI&$[ECIHWIKEK56G*X?I17ZN%GFJ4N*1=/7%?=,,^J?W_-T7257B53GC+99LB>E.E#$\5D^0):WCR%G7S%8@O](`MZXT.WNC@C0[>Z- ",VUGIAG]%HHC?)4IP("NAA= :"\W(41:O%JLS3 F0Y MJP\|49+_8-N?3S9?P3TS&*>4M0=9E@Q%LF>%G@O,&TRJ[]:0("\C:8WT=+I P MOI? A*+:,!!KQ{ES$G7H+THG1M/4^:SB*33,]?|S&;W_&./Z>I"^MBDV'L7-= M%?9CBY%,%W2/V&,.!1K-"$+R4@_R#F;K5#!-;T)N"(Y7$;MV3\/H6XIGXG{5 MH$%Y&VW9+Q6+9I5MO-'6@<9B?>Q3-,TPY<%,^?7I76HBX0$!Y5F1,$;L?)-,_M@-/,/"H=PA MT[C>X8K/JB6;054"5]+/@6\ (%MI&ZDGK;$B\5;4U?H.2@{!-HBF"$+'W2HB.$ MQ$H'&"1+7{?H"B1UU=*5*U$N-,2RWKH"4P?"OEBE=D5F*5S?&14D\ 25;>E MAH/E4P511GFTV+8=#DA0Y_PKS- !2\ZR^PN2LMD[+(03:!158B=#[VS#2$?>M=SZ)VE9]4/ ME?*A4FW"-9HX,'H*T3@;).)M%4I3*2=O*L*#!3 -9*!#EHRBT1E'\>'NN]0O1:^X*S8IYN;BF/U%$DZ=+,^3KXFKD^ M%]0SJGH]):GM7L+S?A51(^)"D]IOA^],V/<5*UI'TBMXB=^[M_W2.RX$*$ MUKFGF37TG2]8IFG-9VT3Y>$?}\&< Z63&36U:#((F])/3 ,.HI;\H MQ@@D1VR2-^R-WGL29GD850_C;@Y_$81_J0_@(SU\?71 G(&OC^[C!GS7M'2]X0;NIN*9*P@U.S2!EKRA;Q_O*O^NHC:NHF9V M'7U'BW5 -;&_O\(4>B5#SBO,H <:'?6%@#-T&8XM4U_DD+4 @7P(5KCO\6XI M@Y01&Z#]X>RF3QDU&KQ?]|X2D=[=WU/1AS9K!JN2T((=>G'3C'$.\|T<-O3F M?V_^,Y5FV&R7>/(^ _^X!D_8,R^U>-ML5>D)"09XOJ_L)&+.2)!DDTQ653U MTAEQ P*7!U_C5_^;/VAGD7GI@*1[=H..5I]_1J\U$W9!?Q^L53Q&=)'N%5 M5MQ2@F\0B- 17O)AK(CY>D'FL1WYI,EL!<.8C,-Z;M2 MS M,U" (1.QC1JV)>%>M2%6MPNG]U$*ME7BWS:AE'+>OLDG..@12T6561Z-5[MH-4E9BQ_]-5L2(H6%3Q?EM[Z#+;6<84/I$OR:!!]1Z8X 5Q@"EE6MB M!FC &CVFV3W=:#=;"L]6/"4$VCWX;/7L1E-Z4?PW"LE%LFX[U6=C690\64?K M-3V]K^C=%W%A_$4Y*;#63[{CA9\(&M=DHE7O&*RJL.,8+;W)M=+&XY5A#F M^QUW,=OOV,:Y? LWBK52,8J+T::C!?M7DQGSOCIZ76I(&>'#I;PGX4!+L_9LE&'_MMGX.4:R8:I/)'/?QS=GMOM^_0;]^F#GF+O;?8>XN]%19[:\V176FH^IAHC<@# MMA,|-9GF%1KK6ZI/SJ6L-N$FGE#Y"G/(6ML>-*:5X2),;<0,J#]"D5&N0NT$ M-]49[L"0_?PZ(:NQ[((A^^7502;T?H!Q^^3,N=7400871.%"_*<*]XQJ4<6V M[9#0 EMMX=@-115L\5X>\!3'J7[(4POT"X6+9R1M'+#.W9;_)WWQ>V]6NL@ MA'?42.H8KU$6LB]77'6*"<-'?Z1',!HVI3[5I.(]!28S#94*EKW.6!TV!7-%3 M%$Y[3&<@\&_%AS4]>+>W)9179",8(/XB>43Q>!Z2&6)_*B-V9179\YXW@@'B MMS42SQ^2{@X5R3[N:X+@RDEUZ?RU2N)CU[9"SQZ(W9^[%YB@*&2G1/,)U(UF M8%*WB'Z?RDK5NL)?]ZO4T+/3\?[2X,)Y_SK6M*T&V+&I2CY[&ZJD!IAVV[(MN45XG*Z91D)EVWHLP*L'(5& 'AV0=I%B3%A0_>[&O*2Z)+UQRD#[.L]$'9Q_ MOX9#ZAT3,1@GL[7BKZJ@F7^VYH@B_VS-\Z":TS!E9>3NY@@55^R3S'+#?Q1" MUKQWVH5/<\@[&*6_NB%V1[=7[#'ND5(BUJ:I3FYR(+5=B2_&Y)4!A/LM]" MDK#0#W;\$H00+OW%,G[G#P*-Q(&Z_*:]TE]GJ_8GF2%>7)VBTVF6\&)$'8T MEG;[SP3GO+VA-DA?$=<'-"F<=C$ BH!IY*L>>^T7S&3+A&>4]!NO<]EJY,_ MF9[&X9+^PHT 5QG"(F[[FJUR%.\(&S^%LHLHJW'ZW"^^0Y@<3\!7=.^2QNP M4B!U;VR_#'GGM3/\^-HNVGDR?08BAVIN^]X>G=NJZRI\VI@AY4!^S@?LH6E%: M)FMS.I9_OI6ALQD3G>[PE CGH[C.I.SFF!3.575T]'S*(Y;]L13/NU#$YVK MAQS]M:(TG*]YMD%0VSZIQ]??%HA\DM9]4RX4!:3MC5)_J#T*.-M>846,$C]1=L&!9*P-@QO.<^?@X#DM;D.K5L'AYGMJ?&U0#@B U?!E=(3-S#8K2F[<> :I/S($[624R9O*SI M&J,HI1./G_Z:MZUMV^XKIFO<=D&MKW6KM=:MC17&6J< WCQIH!,24P+)YFS' M,"]F NCA$Y_]>W<^W;(U-*\ZW=)DN(/E03 ^W"&!V*MP/4'$W^TOJ[\4-V5 M_N5_%!+ P04_"M@3!9O@=R3-5U #!W@\ % ?):6PR,#(T,#OGEW=_?7_ODQT\D0M6S.-M7WZ6S@L_$VHHIJH9C[_\W.@W.YV? _^_5AZ]C!QZ#1PW[E[.QXTPO/W]^?GX^.M?RZ=Fl;C9^GBXN+5"WOFS'OHTJ*CE0=?Al,.'RT6"M7/<#=NO-U0M?FSJ\]Y M-X-'#5E3[-4G:.J;6.32I\UPW9D0Z'SYVTUK&?PK/3Y M7]HO^\]83N3@8>W%R0/IE1\$3=$,73/HOZY[MY\=2S;LD6E-9 =&%]XE5?*% M>KXDS8G"HW]N'E!V=XED>&_>HE6MRUGT_/S6RL_XX6S3,+1:GV%KZ)U9@[H3"O.+!W%D@ M47L?B?EU_#ICUU"H9H3NO+K7NO;C0;-?]3/%7.RO%CFMV/02*N_OM$E-LOZ0BP MPXV54;>&.RFJQ)F^.-2PM:%.\^PQ;G%0V_GB>6&N8%:.OM(\N&"HKNU8 M&N7=Y<0*M04BK UXL*QUX(="?J7QBFM9H"IGX6\,[f]\Q-:4#7C4E-6!>5'& MX4^R.ZO-,%W#L3:UPKNY^FY%W?!J15UY5"3K49:GH2+';JP\K*K6FJY8P17< M_LQN^T])RA>ELZNO8RJK5Q_^]M?1'}U>,78&#/N/5/CK'.S*U_>O0]_8__[M^G_R>?*-&@P,5"7#&1EXL&\|[,F]:3FR3O+DXK-4Y8TCES-O;_^@ED0I3YPOA%T;R1--GE^3O? [FF\V6@3:A-NO29].R)-M;'@7OY"IK#+K>DD*FD$*YY)F?"&_%MNT+HGL.N87&!A5>PHHJ9H]U65XJ6$;_ME-W37BY9@ZCE?=14E1K0.O@,3W29I&B*UY.7I\?,L/H? ANV\),&XLX_E?*'& MM:0A,V4!0GG9,A7XH>'<:,+8BZ_?P"E.]@6OV&=$ +=K+4[Y:E$IG5_\L??V\ M0BE>RO^FLO6:,QGLOBTX9LI-+J%+A-N&V@)?J.S% <*ULZL" %,K%ZK5W0<; M2%;"]8->N>R:1L_5]5085]2&90VLB>&HBZXK4]%6/2.>]\(:Y%R.M!>]YOE(M1!V0G9K44,TI*)75-E6.W*9W&U1.L$%A3"M%;<^-)2O,H,_? 5#@+0_2\;:6@ M;;ZA>4\||%M!2WV#=]GCLNH&N1]^!'K,+UZZMG=2V M+3DM3'NKPR^^RX8YDQ74@]VD2&^,7_'8L#_]N<+0 :,_&#E0OOCI07{DD^!YHAW0@#!W"=J 6 M"]'72E'8#A3#.0!]I"Q_O(7@Z&[4M*BJ.3>R NZ],VN\;'-^?=WTKC8>+4I9 M/[!3R9!:X5UF_M9EBPZ=#OCO%K?"3?.)&C+\E:<.^%+MERET7'-5K?M?61,A;:],_ZZ%K;>B9PWQ> M_OS:],>&*\"3,-K?Y1F99G/X.$"B.",,XL@-X6$JU*IE(/_MA^J8OA0 MU?)2:,>>A2KKSU6HU5ZW6MNS\!7UCW]!3=S>@XB!ROZ6R36\U'IZQ*[HPYV.Y MC0V M/0*N.]T;L&%;=R#, TE1!RKE<"|\W87Z3^-9MM2Y_>@ .B"Z?*)]QU3^O)OR M1-TK1=H?RZ_[RB]>@RRH37,"SH;M8|&'7!'P1UW99W_M8C &E^]N--(4:@5/_DYMIF_Y?? _SG=&86HN58K7_=6@A\D@\]#A^V,^?!$S M_G\'V9[V.'9L&';6+?EQH4'SQ.V'O0C2N[F#?BNJ(A)8QX;4Y53"]=!5"] MO6$8-Z:UO%8" <>C!*IM^>/[&/4HFTI0'*KR06H8ZNZC=@&4?!%$*I_PX!IZ+;T7Y6^K3R]:?O5K$,FFG- %/*&+H1#&#((+Y?R;].IKE'KU3-O M(45G+(-8\;O\7]/ZG1JJ;46.$J4MO? MRL;K57$TRH_6?!8*^F:9J S*[ID$G M4]V<48BDK2< J#U@I5)>IP!S_AL]-_?9],?QN*._;8Q>NM@R1N>-:KJV8P+T M[:!O+8V)_=!U=NK@_#4'#AQ+]>TR*&&= V6TU+GC]&TGN2G5P^1FN\|HS5E4 MH[:=E"U+HV+T:J"A'Y!9,R#&:<+=WQE7CNIZI$;TNFV'OJ#?]?=)I>#UKH* MY]^7RUXLEKLS@4)M^,X]I2YM7I<*\AO)RS,M1V;CD@P*C\Q=;/?-OL*B M7\YL#?0$Y04_ZR_EWVT3E!3_RFM++_UN\Y9OZO:5_RSE?0Z^L>E$1QL!'PEO M*0TM)&UV? ELMR%C_\55P:?7M4VX?@V^V(UL.*VNY6K0P^-WBWKR9:O"HWX,% M">]\#T@\GEE+.9CPW#)!P94;X,I5X6E,>?#,;&R#8"]6BI:O-0<.@E>%]P/ MOK/7;1[WD 2K8./NM_" (X\Y2_.NC[9>D7I*\;_=4HXAV$"7MA_HTEX#_6IL M0BH]!!N;XO;"']_8K$R<[5ZW<. A]$?"FUWQO]I {4I+,UO U&U"2M$-HVW M)X!91\YX#>OEINY_1Q*83Z0\X9LP5JOYMH)41G!G3VXQ0LNKF6=3?OUQY0Z MMZ;BA6KPJ>.)5YS4.CRI.Q>85936$Y M5WACIOM:-OZ\&S5X)9A'6LR^_!;W=; <;2RJD:4<8N^]F9ED.:.5=.C M.ML-_1X(SY:6-=O7L^4[7$'^UC#4WQX,79MH<%ULO;A]MWQ,&-8Y(,,GQ'T'R'-MWFI/5.T8\-9'=F:(MT+K>N8MI==EV\|P9)5RK:? L,7D3J#\|=NGS2ZLLK8,'7S<<:W;EE_7FS^[M#1)=YNT^-TR2\R7%2& MBR#A3)>QS5XRR=NUSF58;I&-69#&>]?T++MRB S,D@2F)6=S!,9& M2F$<(6\DFLPC9(2'C,A:1N0DI:B0.4*B5&0M@Y 1$C(^)D[2Z76G75OF:KK M,:HL*W_]YF,&L?)V5[.K%9#%AV6Q\%)$OYF1-.+ZH *KS<05.D#5:HT569] MUF."ZC3B'@15UD E@*8*SM_@18NL?G&L3,.8M'^CG]G5&,CQ["F1M2]2V4,Z7"@(LEUW=G8,U*N8^LM.";5/75*ZY.PZ=^#;-M*:F)3L4 M>-GWF" (F4)EA"_#DH:U?#:9ICLNH.WB>SP[WIK@6N1]^!'K,+UZZMG=2V M+3DM3'NKPR^^RX8YDQ74@M=O]HI3{!GPQU07=_V(:E&P8ENC\RW\+[K5'U M5U/O,+8GC,#>"%YG4,4Q+1@6-EH4<;<7[MX=4>'1MN$X6+12!]JL)H%3;7=D M,5HWT;1,0M;M1)"+5C'55C%YE*XD)!N"]L>(=5:/]$TR?)1W=I0"#:L53; ML8.@+>0P6;12!_,^=CNT-4X?>7L6HW433!!N M?C+F.5CT#0Z7KS\B]]#&BZ85DX[@TX! M-6IMM4'09OO)!8[.#]YE B6#W0" MLSS;LQBMFVA:1HP(- JO(1:N8:JLH"$K+"Y1B$OB0+"YOS^*84VG;LQA-J&@J M2003FEWDH@G-C@E-#J4AA6CSH?I&S4=+GHXU1=:#A4C;;I M&HZEB7IRSO\Y6[2VSTZ=,:.*,#XMRXO\/BWCC/P~+?]OJ_5\IXZG"^3>[_/ZO M4S:^RX46E5D76H-)+(NM:.N,T@IZSJ#4[=UR+K4VCID76IM';(NM;.NV4@I MZYJ-4[=UR+K4VCID76IM';(NM;.NH9J2UCWT3!W6(>M2:.^N0=:FU=<@ZP6U= MAVT-3^<#Z."BS&JGGIZ&)45@B ,,H>PT D.D8 CD!2 PQ %&HJNU^.D$2Q\;5[*E M#F93[^"M'H6QT!2'JGW'5/X4F^4K35\P.;0/AV3F\G[^!S!S^=&#,Q-$@G7C MB?)QN)OR\\92Q5)>N?=&-[+%U94-9E$N=^;@X7?]1?D2C#L;%*$ N_TEHTY<-M0_,&YJ'?NJ=6? RQ;=#X8J0S@G;A:>K3K3MA*9'.J F5;=>B5Y\EMPH2M?]> M$Y *;@7?0W_/+K:H88)7*>%9[UPJ>E>R;9U.R-M$ 7*$T>TK@<>1[@*"]4=UG,'B%74Y_Z"8GPD:O9", ^EZO+'K;GZGX'FZ/IN MU#&XH73].9[\V*P=:0IU_]>_!T<<;8]#@OO?[XS&E-+TZ4]D*Z?!D5>)<@F MHT(\U2<.,K31B06]6^*-3V8SAPX,_4K5K=W5Q:/ID_"$=HS03C78)++#@RQ_? MS+HT#'5W^-T9]+MLR(^4[.:TM3,^AVRXLC63)&A.)7V@W6G@##@?C|\;^H.HZ MA(6'E"&&WRUE:/G13,@0BL:Q1"/#4$7?(H.^A:A@"YT-R,;^B581A*INKZ!?M\'$O]/D#MH7'6F+N3AEAN14L5X,U&,!H.G=$R(]N/2HTI'-L-.Y5>@JU//% MB^6/V_N/WRP97L? KTUQO9VL^57DMVU2]EV=L+!H6///(]!?:DZENSBA-%?(.MYU(&!%\-XE)EW]:C>4!DW_B^R)06SJ9TL""\89AL_S3?E4H?,@4) MO,.&\6"0E+,W0*78/=_"FY5<^KAOL)UV &8?;CZGM[3-A7B70@0:L!13;@?A M)C[4^3FEY- 7LCR@:?+)M_A*VYYF_WD]NZ:&,I(U1^^7GR'^Z8UNWM M5WE^,/%,;IV'".*)XI2$.*47M^%GL*?5K*!5.3FK ME'#.68[":QP@=U_7.4SE.1SG6>9U \HP1D#85O<6KWJ$*\U)WFHTRW$L^G; MCCG9+)!?Y2^.5O"05WO68EN>.&+6-XS>D23O'3]LEXQ\S41?DL)8 MF<$P,8HT]2AH8I?>6.8$GH4%>-'CS_5'G^BFP_O+$WH\;,?DE:/7RA)2ZD%0;VY M+3=3H;10.B<O1E&!E?@7>I<_"BG6LQ\;.[T0L=N$P;N==XY+90A ME'"Q9$BHTYU1AE"&4BE# AV$C3*$,11"&<)XZ)U%# T4HPR(T8*1&!6A)*$D M"2U)&!NA)*$D882$DH22)(HD89RT<>KQWC*?.R8<$BO+&U@)<9**$TH3<)+ M$\)9+*$TH31@SH32A-(DF31@WO2M-F/((C#3A'!-*$TI36[0)XR:4)0FC)M0-MFE":1).F1.(FS8^,Y FZAP:!%@.B&=!M&+O%H]N]$6-@=-F)[!Y]G)%%]+]=TOJRUOKNXH3)NE9>3>%XC05X!.?"20,#4T3YO-12P& M+=TQ%-,"QX%OE,D/9G] MY@P&=54L2-<\?S5R&45[IX#DD"H_51F1TI 63@9A1ZD-5+6K,_I],S:"2;T^D MPMD5&)-JG?RNR:1%==*4)U.3@,M@.3G2=S50:\5"(=34#*W/WH#%VLHF?+RS M!N:S$;11.KOJ0^31TNBCN=Z0W)]S(2NDN1:,L_BFOX82.$M2<0MOJ0E\A(<, M;6^;6@ZCCE!@$?@WI'?]-'GS9=<*T5.4D^V.[+KIM:5"53UI)=EO1V3)/\+!9*GX8'UF>\.'./]E2Q$SZ?!-!*+5UC0#R[&FB.SFD.A4MLB3K+N4E1.1>99<2$#;'D? J^:!\U6!IPF"4>,3QYW;6(8D M$?40"Y;:OK)@&B08F3HHE$:_U7A5F4N^Z>80(N;OLO4G=01S{(C[W0,EZ"O6./3BVJ4&[]-MI"+AY7PV^0CO&\%_M@L6P1Z;K/ @*#+1TQK*SWO9G>;65O+"'_]COPZ<L">YX_"CU@K_/>P*C,;-X(W4K8=F:9%[(=K1]#!%!RY@)?)QHC@.< MIZ#T9J3#](^L\'Q92W9DPDJRUD&\^-&R_]]SX2WI2_!8^\^ ML+%IP7-,U_K;FA]*1F>$'(?F*^&%B/99-QGH)*[9W#^W+MO%XH%NNU2EVJ M7ER45F-]ER+]:7N'$;#M.57;.K MUULIG-=CIWI7D-38MKU1 L#TL#"N&F]K"2/Y.%JSP!9)KR>8O672?+ 5_VE> ME!>F5S<9,4'1U-^D8F.Q^OSMUZZM&=0.?,YBR Q^M-5?^P \0IHE8$8[W-+$ M,F#!N[_Q5S>]-P<#M^6RN;!5)]&BT? B\G6HI,0=K](8CPV9G0OTO;106 8"D M*TS0#9-[\:[M.4% U%N5YLQ7"P4N-W/%&2U]QH@_:T":0<6 _IE,Z)XTFRL. M0S843=:9,6+UP>QAML>"*ENJ3;;>N=<;IA!*^^5/H0Y-8!?

*>'_13\9SM,?A5 MVR+G_=OU;^$K>+584G5VMO>MFT)N_M+,Q'7R*P|MOQ* ^6]?5%%LF2^V_=A^]OOC@\;M@FY #@!YL)K?Q9QL)]XUL[M?]UK-W[+-VX&[=XED?*

*5G>6:O,WAE_(`%7<"$(?$RIC^V@H?4\:8R",ZN&O> M:L:?"UR$C,!\(**M(G[-D^7J%[+>E:.I2T!]NP'[1BY?AU?WLN60SCFYZ70; MW6:G<4M $]!UOC<&6^S"*

(IXAY'WL@$DBTB6YF?N(\PW0["-W,62SKN,M> U9 MT,KW7^H_7/<[K4Z#74YDXZ7F7;?5[O;,+0?^G>WG5:#[4YUW;@%3+9)_]=V M>Y!,RSYV#/"03-*

<&QP+$FKXHX.!XI@-/G,Z=(2)/6-1A?SH^H-\W>YBy->K_ M\MSX ?MIN"\/%[6=>(6K[+O0KE7V'!NW%!?&7;<6>_]DY77)0&B'EIAN] MAS@]05_Y3,+5G()8!WO.O+>6!;F?

*1>[?*8[)0M0$,;!<:8[.+D-X]^UNWF,5 M#]6);>]:2]S'X<="CK!_/PDI%M[^6|>1!^+[(\OCA*A)*6I*0]$&56M&A41$ M]'!\,&17U1RJ?D)?*

\B0!T#4=2J3$N!^R9/'0]BTD<|\NL5+%0SI%BJ0[_5ZE\ M.IP"#/]M4+T*IN(B%CC_O8+;0 HC7Y_GL1Z=\%0NG3%U_DZ7MX{)(5,2I24 M0#]Q4N'[\- Z,3&?*

&D@C132$$A#',EK2M93&EXU'WJ]=G= EMT@!^0%#0) M_9^4;F:(JY,8#"/K"%@$^R[M66O'M2@72D?34/0"XL/_/C6[2+/ZWF57 :1 MW6';$UIW6BJ$UYUZ!<;SNM.:?

*BnH.IT?B @,;A@J^`]+-L+GA-&7+8M7!OI,R MV7GQ:6GKXM-|Z>Q*RM6Y$=EIPGR[A@0ONB5TI!+NEO%1(%+OE7/VB)BYV M!;*I^#MLVU1:+ ,ARV-5R6 ;;C3'#$HWU>"+*

*<1XE@V%>HM[!+*IJ#M%-V ;6 M)/P8#OUB5+7=",C=F%;+=(?.R-4;?O-Z\|-U|-'4]^5UVL&N%.PH3.EJ')\ MC,X4RZ\M40X8R0X:8=L/Z+-LN5;;D!/&*

(10CB\4KU'2ILZ<4%'+56E5<2R M;DX5IF&+O;93> >!:,&&#@L&\!{ICO$$6#(MC68\9$^5PJA&M6L!.V>@)R)[M<[D",_E;5 4A $Y.%9:Uj'9L7UB6 9;U7*U4$!>6

MFM4PBT[_@N#8&G^A$9 MPN?,YXRWH9.72 94%/W?9PO5,/;@XQ3Z4<"MZS;GZ17^QC75CH]ZD9RA.&_T54 ML0L, (LYJ90V^_MDD+,?2*ZN,);JP03]X&[0N"6[%*

<"@KD]OKBI'GE^.14U=_MY$HA^O>)K:<0^AF!?N3IZ%4^%QJ9HKE),+CU-OHH\6,V>S]!AI((V,%ZMG MWXD_N[]WS"D.IXQ7;[!]SBG;.PR.^7]2 -IG)36ROY("(Y;NU>E'<*

M644!0'.J& VK+=PJG#\$1A.-2(7=1P9A1('+" #6L4'KW,HH):.+N-0' T>/]"VU;,8TV9VP \.I"FAA M1X!K,D-%MI.C)^SUAA6/;KM$-D!*:PDH\%FG[-HJ<:$'?KZ/WY]HP:+]+P@ M?

BPD9V2QE.34A:825L6X[8+=)6FD[L42BD3&H&\@,>,+/?KM >F(^OLF,"0 MV@^^2;PDZ!QG5)95J4K:"EA1$#(B"&'!*^T7N$=@>.,7123 MVTPPU!<,,SNM.:?

*==>2%=EDP\2N2ARSNM;QNH>:_=Z,&F?%U9]%V 2@7VS16LR5B@(!O0(@YU2!&KD"\3! +>4]%VCR,#KS2'=-(R^_9?;0X@FC2"+7 M#78,E8XV*Y/VBZ*I;*

(9OJV=:RDDUS$*1$X4Y%8C% ^\A<@6SB:<0!K;HB%H6 M58DCOZ 5%$V71"Z0"]C:,11S0@?RR[NN!$A[H6K^?]0RUQ5&7EQE(0!63A6: MD4O6=H?

FN[N#ER_0H&&0YU>>\),Y$K%DN,%"DD6TU>@%+(MS"KJFH>RU!WBM ME-P"&-QU(\5B72BB5\0$!1"G?B(^XV(9K3?/KWC9$[%%?T2R#ZJNFR?/6:*

M[/\HM,K:W.YPG16Y9,=35Q$7@-6D7+TJS@JPTBFN $,1\$4@&&? L^P]`4_;%?_?/A MZWCN3=TWOK7SU[UVX[=\XV;0[ET267^69W8@.]3%;]K%C$&=L MNK9LJ

!O^]+0]4/LL>SO(CRE5O!M B+MV)_>:^;A]+GAZC]3>6Y6?)/7TRQF, MY@6O]VW6_+L]E97Y=^_W(T8L)^&VX3(:G9=-ZP$404>TX)59$;,,XL0R2X: M]"N56;//CA7<9F\=--

*@8X+7QRUGQ?2MZH'F&HP;L89U;S:R#6/_#U6>D).7> MBJ:1^UGD_IWBF$-0W D^8#EOA]HN0WC?.@TNGEBPI-6QY6'GV19$C;BH*0F% M&E2M&142$=`|~|<&0755S>,H :?*

*=QG7GMC/HM/M>BFYPU_SMU[O; M5KO7_YFT__G0&?S[ZV?VOBL/>>P__VM65!",6$!F&#]W@Z2024E+()'2"TJOB&HK"RPK(M5)ZQN?E3*RT6K5YR0QUD+?*

("V(#!QY_FWNM7RCEI')R99$G7P2<%K!&7A(;M,UB+!8&.]T5?/FE#9[E4)?1E2@V;XN8.XJB+R.M5?9[>;O)0TS5'H_9^&J.2 M*Y2KXFH, 3!$JA"-

*O'HT;HB6"V343B%ZN4,2LP142RJ;KA/K3CZ M(O+*3<91^V[4Y S=3U?4XC)?73 9 M>;?U'3#Y_L9[""9X4FR9;=@H!68@M,]=.@=07ZO"T;1)HDLA;K:\>]!?D>F;[M*14I5ZX+/'TA*

!.%?UR!NK'PBG)0F-'P9R_)$W-[""+4$N'FN6HFB5RE4EL #\QM2/5>]X9%: I$3!IR1]TKB V)P6.1?3S$L+CZ;VWB9FCN1%0AD6O37AU8MA18[W$V=5W@>E8!<'.J,(UO2^$IT(Y*

M"0%%$=IPNN(02S'>_C%!(5H@8I*+FT6H!.+1H^7>;!?1*X@W!_X959#D=PB^VC %\@V'RW,SN8$.-) M&ADOK,B^]^Z?Z??]>V?PO=T=>#N8-

^^Z@T[W6[O;Q#TZ[^1IJ,\0N3:X:4XF MFL-/P6P8:M-D1V_^4D-9]B' (7FQM4M#TW\YEF M$"4"J7MT")$&TA".AD :XD0\SXZ:#W/-3:///'[=F-. M;-*

*DUW5(W.G>;$!+AU4FODY+'ZN-Q0+;HFS#-F5K%XC-B;**H!_#^Q@@5R:M&-U3Z[T>WLO6G=5W9(>[O\]NZ2Q<_B9,;8:4MH9,:*;2XN8SNRX9]2&ZF14B%7OBCERO7*%H,/*

ML)'72IL-_^4V+!++A;!D5]0&QC/NI?(I5RR&+0K:H(HT/BZ<"^:B!41VR#|< M?<;.IB<,3/R!I0/KV<52CI ;IA1>^3U6;,K'X2ZH:H: X"L@P>HJ7G-((H\U1Q9 M1U,FCL;8+B(-.U-

ASMY[X&[':J\75(D4??QK.;J(M4-"PB?DT7K=KF)(Z.U M4^)BU:!C-XI) 1[U)$U@YUP)5L&1'H97W)]NM6[4F'K7.*Z+@HPTO8ATE 4 M=^+J+"W7HB--T2*MN"F?*

7=5R12FYTQRPFOVTY6'K3)5QY(%%HZ5K M#Q_"[>3/;VW\^:(1N)NN$%R3R)6?G;$4OYB& T2;*+ML IOMO>MU[^=K4.E4/@(3(C*UQ;.^27P;E;?=3/HS5^V+. .*)h!;7\@2@;7?*

*CD=YRWQ^ M?5&ANDfNOW4?OK_YXG#_; NHP]"4?/BM_OGP=3QW4N\;W]KYZUZ[\5N^<3-H M]RZ)K#_+,SO0*P!, ^A*!fZ0,?*

*7&JK&7\N+|=$#FYS7#I>]GXTKD*BOB&X&E@?:E97U,>C>DTVI]| <|B 9RY';0.O=B@H?K M?]?5:.?26E[,?LV'-NVZKW>VW^=+Z_MUM]|48M%FL G^\9?=W-^3NOMUK##KP*

*M0")M_/<03,3RT.M"N3\G0[QC&9NN+1L]RJ#'Y]4>C4\2IP>6'ME%%K!MPGH&|=^ MMYF',S:&]^M,(7&S[^M.7HG,=)+O4\R_VU-9F7_W?C_IZ_T+4K(*MC/HD8/B*

*"3BD@320!M)-&BFB(9 %/8D$G#.F5E!UF.W\VRE,K&|R MY,/6% ^R.S>N:AKG]R^]5'KUPYTLE\1<69+#0TX<%D01+$?[.) M,I$YF0BK3M\U.WDPF:C6Q%[,@S*1.9D(*U3?-0EZ.-*

^I7$R/3 @4VV%V%&D@ M#;2!-)\(&BF@(9$%/(3O)]O)D()C1N&/04>;P[PTHG$7CCCR2]97:B?OT>_B MJL>Q\)"B3.'&,B=-*>)UFN.#4^G4,IF%?Q0)#OIB31-K=#D$O M!.CCV*

!98-"7+:E$L=^RW/MY4^R7'LPVE=#59)33[MN!Y%10WW^.A";LH' M$HAR72"#C1/R69.(#0(1QU[)L0K$53%7JR97FH;9IV&.&PRS"L@WP@ U$O MI*AB2Z P[VAS:]F<)44:2 -*

I(VD<;+5;>0*&V:!O<=98>]Q*#.">RA],Y `M70*6C7=H4[77^)?A?'Z-[5Q|<_CH,$NM2),PN96D&@.]DK!.@H&'H8G&'&<.A"K8!1S MQ:+(>=,2(#MC/HD8/B*

&TL"\Z.$M*%|.-Z70X,%LT M[>_^1]{\EU;8.I?6Z=XL)=,*YPF>9XM)9A04+BC5*&<4'5M0!\0EG5%0,BHH M4=#*EU-^+/VG<+!W&?8I$KJ9 K7U1RA01WD@[+

*MZ9WZ_KDG)2[AIPF],;N;J+@4+^"_:G([*J&XG+:XU,)+V=^884W6NE2KN7H5 MK0N*2T+B$E;0_N8L:[+6I5K+504ZZ&8[<1$HI,Q^UC@TI#R-XMU3UF-AZPUB*

*M"RI]^+Q29QA6HL"D56#"SRF**;P\@,!@8(D"DZC A%>YQQ18'L+"8&B) I.D MP(35NL<66A[""PJ0YnP ?X>F.F.MP@85M5W!!U9ZN(GP(C\$5'&-@%<$SUE&<;+*

*M68FT_$#+C[-6FS'=2&.-Q,X4^I22KNG .QR3/!BRJVIL&*AILN#,]CXMCABY MT0594#19)WT'+DP@_K/)WVI>S$, HTT47;8!4???KG\)6X=*H?!3F.#Y5[@L M\4L0.Z^^[_OP??*

ZR9?%3#O,_ M9(1 >,6\!3^A.>0Z9\3Q1<=_XULY?!]J- MW_*-FT&[=TED_5F>V8'&8$&X0=<;,,9>;XH,P7[ZX8<"_RD8!,NVJ&2!5/QX7YZF#' M-P)++/:QO3XFO1O2Z;8>^H-*

>]W/D=M!ZYPTNBW2?[CN=U]=!KO.QB9FUKS? M.9=M]<7N!WM1_Z=[>=5E, 7_H# ^/.]W!WTR=T-?+ MN_O;KW6VKW>.M_/&/-M|:)4 ^P(_)^U_/G0&_TZDZ1\?

NHV'5@>:^RD9^AV#.&/3M<& @W6D+Pf=.EZE M)Y$GH"<<<^]V&'4Z5&ZZN,XW,C;]O\|ASH5!=]RWV_+L]E97Y=^_W(T8L)^&

*MFX/(VGK=F5A)>A;XLA_P"9C+XCD%CK74H%^I[+M*QTE&9V]Y#Q@NX+7QRYE4 M?],T'\]AWWBD\%$3\6%CL%K2#0)_8UH@\)0,QA8X>-_A16.;M &[*OF']\(*

*M2#DB0PC;_#.9EA:.AV2#G=@GPJ2'CLL.XN>TI M)F2Z1+1)#+; +-DCZ\>B.RB&^UAQ#ATZ0YL8*H8&^UAQTAFXF9&(.I.^8 MRI"O3_HGB0)BWM94_.:@8A 1*

29<.K(FL%&D\1$N@*Q34'$[9$NXO.2"#@$W+'B0GFJ.<++3B+B3AYQP9:I M"#F$W)$@-S"/[>)VG?4_CIMO]R-6?6-"=3TV!EJXT7SX?Y. M63'_>RL*

*XEYV62G7Q=FS6SR,'¡J_"6Y3OP.^+PZ"[X=^ZQ6ZV8-C4P>;;?OO MF\.[M#6\\R6&[N061R*LTP'K>B$RK!<5,FPRJF/X$>E1(5ZLYBKU"T0YHOQM*

*ME$N141Y,JP71[U^A7+VADQ'V YBKS=U/5$4J=ON/.P-SP'5C\R]U2+ M<\E0]"Q0=8Q@>>4^U1Q7PT^%M^EW67ID V#EP4ZGUL'_&9?7% Y MGA*W-*

RC'VJX[7J."P^1R:@)>I($TD ;20!I(VE@6!_$>-6?,*C$T MXY%85.<;6#LF>:*VPRZ9([AJ.Y:FL!NVMQL(IIR/'7E]W!!Z;7>"[6'IX%EL M=F-:.*

(_%AB"'"_SN17J8%K54OI@K5$LBQ6"?O %B!G&/^:53XO8&+7<1=0J M0MGWGF/JO%V/D02M=9&K2504(EIH0W.3M(V?!=]!U]@AGR$;8&"N12&OKIB<7?

L(B<5.ZM!K'!%&4'5>ZU.D8BCFAM^ 21LN: M$AM& CZ=?=5$VC=K.YX<:W8(I4XTJ8NC[C_# A0>L>&T1.,2,4@#;2 -I(S T MD.8IT_CZ^IBNOXI_V52GK'A&@'##5OR'

*M6X(0UU;!55RY_D[HF!#4WLV+' A|*90?74<;]QY.1]PU'$^P[fXD>39 ^N(DC M,REL,HKYNV)>+&PXJN&P:V!B/*JA7GOG%Y?THA\<$4IADU'JMY#Z#4=7'&@B M-1YQ+[.C*XI2*

:4=I!VE?1=IWW"4Q_L3N'$>Y2&5JBF1W&TR5'XZ] /\'9KJ MG/5$!H9[KZ\&&1_UM.T&U(ZFW1CZ463(_P>NA$P!##U?4SZ!COH(|% MGHE1][!8S7 ;D]E9?*

*[=^_U(,P;LIZ^X6"C\M$>+UQG+Y48S5&IP/K[P/"Q/ M6'L,6N2MH4&_4MG/*QTG79V]:??Y"<12'8\@WO4(XAO3(LZ8DBXH./(=WC.V M21N@]ZZG[04]!!@%26 ;@*^^*

S#"T0NJ08KH%<5220L9EAW%STU5,R">);)(6 MV;QC61W4N,F3)M2X66(Y#'I>YN1"A3_H!N2)"S8%&-> M,Q 1B @?$=U$E" EVA>-

*F(_E'24IXDDNQT^205S)*C[<+|U\6*T!1$W:|I MHHGI&@X'#@%K!+C0JRY$Q"'BCH2XH,(-(8>0.Q+D!N8Q5=RNL_Z"+NV,>UC\ M\]1RX2=!EG)VS2=>9$N\1I*

2GM$DR.FXQ4(EI+*RE)<*@B^*+)5+N6)1J).7 M1,/8H?O[8RKP73T(O@^["+",L$98OPWK6F18"[+HK5"O(>'[19\+471\@2^L(^4YR)P#.DD=O(;>3V(3,= M4MB!X:6\).UT

*LX>F>NEP\8'YH;W\.G)X?S2*3;$UA_:I]:0I|!ZGQU1[M5+$?J#>3 ^N(DC M,REL,HKYNV)>+&PXJN&P:V!B/*JA7GOG%Y?THA\<$4IADU'JMY#Z#4=7'&@B M-1YQ+[.C*XI2*

*G9@C8E'L32VYRLTA>_\@8EE0>*K2AS)H]VKW=FC M#"%4;:F69CQZ@957!-^:HX4_UGB6+,5+G;O1C6F-J..X\$SDZOA*,5%IA)SG8L0@3!4 8<@D(0/BIX$4H[%3P8\Q$ M6"--*

OVS<=YK< %RS+-R]/&,4&I8E&X^1"'"<@G<<";?=G 60?D-B;<,>&.-) &TD ;2 -I(U,N N?8+0F5W"'5+1P00<>&]NQDPNGB?=6:[FQK0 1'\L, 07 M%AF9Y;JHJ.GW8JY0%6I?

&DRMG&2PG?SP9Y,;F[2<0.7N/<|$#LQ=U=\N!YRT7 MJ/%$\(<:#IF=B,.+N8;H+660$$EILF1!M) &D-@2 -I(%|C2DR9NFP8+\ MX+EQ>I-

VW[R%GPG0^;.T0:JC^//(JE(:^NF)Q=^QS>Z8O)0ZQ%<:A&!G27L[FZ8MFAR)J8TYD?)_I/59Z3DG2-;#IW3V&)(CC'? M4=HTWY%0^]9")V@>44UWJ--

M3L3>NLF)AX2;^Q4>$!8*(8=P"7090CP'X)8O M2KER_9U=?A*"VKN9F0.!+X7R(LJX_W@R\BX=1-X/>R PBCF*.8KY3F)>C"SF M@AR07"'^^DQ=,'_K<$$:$4-AFE?

@NI+T66^N0.C"Z?7=5R1:F TH!2CM^B[27 M-TO!L<|/+\N>D4C4EDKM-ALI/AWZ OT-3G;&>B."0*fB@:D)!?'SZ$Y_]^7FOC MSU\6[>'<.9SO@K5>=_:W_S=^*

*MRS=N!NW>)9'U9WEF!YJ)7|\-NM:(,?5Z4P2T$C\E_D.!_Q.6+?=OG7U>[_FO MK5YHSJGPK9!N<-+HM MTG^X[G=.G0:[_/7S\,KH#6O>=5OM;K_=(O"I?W?,:.34&*4_@#_?*

V!U!G]S= MP+>[YF^_WMVVVCW>RK__.%2[0O\G+3_^= 9 #N1IG]\Z#8>6AUH]J=DZ'<, MXHQ-UY8-%2P#?5'HU"$VRSH3>0)2XMCO-BQF0"^)H.'J.M-'W*#X$L\SWPK5

*M==\VS;_;4 9EA:.4X?*2MIN#*,K*O6#2D?9HW9!*Y"T_?_B(%Y\)<]-SB8IX0 M&O0KE?'T_G&F![-7Y@1J&WAM_'(FU=|T3,?SK#<6%1YU^C-L#*%;G1$'(@;TP+*

M!)Z2P=@"Y^8[O&ALDS9@5UV9)RW-A7[#^]^-#38&+?H*F7%'21*1QM?AG,PP MM'3UD'*Z!?E4DD+&98=Q<]M53,ATB6B3%M,GQ[(Z]"'3)TVH<;/$.'3I#FQ@ MJA@;*

[6]'O&H=TO=V@!8H_D'W)$E8L)].O&8@(A 102;N7"W, \IHK;==9?T+7T<0^+7Y]4+OPDR-KY[_,S"M"\$R\XU:[M;ZQBKX54L9?RA7*^5!!Y 7KQHI KU6KB[%TF'L8.W=\?*

4X'O^D'P?=@%UT(=_MX(BP%A'6%Y%A+<0"XTJN6BHCRA'E;Z\'+8[SG8H3VY!+=/@U5RA6D=X(IS? MAG?89€ ~O(^$U+*4J[^WOTN22!4H;L<=?Y$&TD :2 -I(VD$9&&0!]-*

1Q& MR#WE_)"=V V^]N+(;D)?V&>,Q'CX:2.R!+O.%;B.WL\3M#9F.M(4>@_#8ZH] MJIB/\G_+[]+NTJA¥\/(NW>AN&1;7% YGA*W-RC'ZE;*$14<)!?3&/ B#:2! M-) &TD ;2*

,3RQE+@_D%_*L.6-6B:$9C\2B.M^]V3'}$|4==LD&T[D+M?BR$M%/+(1GL=F-:0&(_EA@""[PN!?K85K46OER M7:@(|),X,,P^ZC&[=$K)-]^TUA(HI,0D.=) &D@#:2 -*

*I($T,$F>AB3YRKF&!G6(;MKVD7/@.V!Z M>X1S8"/LBR7*4;D;FYY<^!W?Z(K)"P:T'B/$&@7A-HBW51-MX2YHLU*/2FL,CCAX$ 3;O%9P"*N7$0CB.*7_.A\|-AI3H>#[OK M\;*

*WID6<,25=<%_(=WC/V"84H*NNYX$%/4 6!4E@&#"O@,PPU(H>4DRW0)!*M4LBX[# N\0/-131)BY36L.P:.MST21-JW"PQ#EVZ QN8*H9&N|HA;T:3|+U] M(@6*^]*

]21(6;)%XMWSs$0$8@('Q'!f,]I0@)=H7C9B/Y1TE*3N))++L=/D5562 MHZG"_9Z;*)Z1H. @X!=ZRXT'NQ0\OAXHZ$N'L#"&'D#L2Y ;F*

*M,57C_CE2>7"3X*LS>N:3[RRE7AE(44\/D>4@TNKY9#JR6)>*@B^_MS0_16JBG@COBL'P?=A5Z8)=8H PEI$6%_#^U@KEZ18(Z((/73,PI"&8.&%0V.'6$*

*9),YU=L/ML!'N8S5NN1I+/]| W4_4F*2C-.P9\$ 8A4 MJ-,5Y4JN4"B(&V0EC\53A7ZM<&CH;TH>O ;'[+NTK=QOY9;&&DO5,W_CUKF M>EHACV ?AIPX8 \[TGMGL.\[?1$'\-*

*]}]M4%.G]#//#QF'_]DG18FWO!GG]L,ME%U!*V6'"@MG $3(2B -I(%TD ;20!I((V<.,C0#P!WE_% &]Q@\\LF4&K;. M'77ZPCY3G C "!FYC=Q&;A\T'Q)V4/(QD[\-]:^Nl;-WVP-*

SPWOXW! ^W%,TE M0|&CT!1;-M_$D<(&8?]Y@.],B5N;/)R M7S]SP3.3!W57L[9IV$FE%%E83G)])1#?=H4|3%X9M;ON&,&QM'8!V\.+_.]>Q'=E@3(l;V2|\5WAS5I(V?

*L[&3]FLIL#F&VLED+B90H]2TC4=>(<=D2=#=L'7H2IH MF%;*3B'DGQ;UK#*>.(1N*)NMDK]SM\T.V;V4 V_5O9^M .*11^ M"N.P?*

X6+$+|TC=K7VKN[#]_G+EJ5.@?Y1ZPM9(1">>ML"G-"=ZAPPXWG&\[[Q MK9V_]K4;O^4,-X-V|Y+(^K,\LP-I9]D\@ZXU8DR]WA0!K<3/8_Y0X/^$I3C] M6V>?

*UWO^,ZL7VG,V?"LD%ZS@'4@_|+\,KSJ 8")=AJ+ZZ^?A%?G(E*5FN%3] M]%938NXN&]F5P8YO!)98[&-[?4QZ-Z33;3WT!U.NY\CMX/6.6ET6Z3_<-WO MM#H-=IF-*

3;[AS;MNJ[WMWLS(^O7O;CNMQ@"^]^2PYWNI._B3NQO2;/|_M]O>3W=W\D'\;/#]WK0ZL#^]J4#/V.0909RQ=JRH=KO-B%^ V 9ZQ7!LGO2E9;B5] M-<9SO@K5>=_@SK_;4UF9?

_=^/|, ?MIN(;/K(#7O0, ^H!HS=-PNO/#9&3X= MY5EYQUIJT*|4]C/8QYFHREY1#=@BX+7QRUGU36-[/*|_8P7;4> ?HPL9@==X. M)+L+H2_Y#K\)VZ0-B%?GP>;NP-*

*47+$[HH.@<0G2**S]ZB R%N M62@A0=2D S4EH5!S>K4R0?A9 Z7OZ1B]*LH=;]1"V)K&T6!M5/OK;]&]N M5!6HV"ZS&TNF&;2XH&]KT ID_8Y6Z9Y-/P9I(*

*WTCU/O'R]M>,LJ'RP*EDS1-M=,HLVFO'F3W"/BNR/293RWS26 1^.."/FE%HR/_V"&9LGS=&HC:D!I(§TT]GZ MLK\,<'76^\)3AKIN/K.E@S3C*8-MR"40<&V(MRHQ) GNF?&R*

MX;4WIM4RW:$$3-M?*(V MNPTW'$M3V$>;,2KPE.(*/+>UG-9(TR\|&/<^+\;'2GN;@C8Y M)AZ8UJ_,_(+%.B*Y\7$4ZPL,E9(@

*9J>TGV:VK0D>9$K=?)56N8AQ6(-MG$!F,HZBG8.@=K'(YT(2*G$BHDD\S2BT_<(*\5W-'C,O#?.RPBB,#;HFCAJ> M.|)FV+>\4OG.6 7 W:@%|-]7VTAH*04B)PYXXRCCB0S>D?*

*9"U?S_]&5NQ&U> M7-@*9"BS'SN>737'LO$(|],Y=5J #K'YB6NNB8/-1U7KB$-I($KUP169:$S M3Y.L4B+[2T+8,EZJ;&M8|'1%R>K4 PK[)K5T^\8BD5EF[:H|[=C! N!>G.F*

M1SZ3 '>Z$8.<,/9];.QH:%?_ G"07?CYE5RY)%0^3%@#F7U?^Q =HPG^&9: M&LX.B:1>XMCO!,5Z66+VOGJEE*O6A,**PH'19+$;O[90L6.WO(3=>J4@+G(% MLHBG&3+>.6-

*J$<6U+#9+Y"7"T#2*HU[^K7Y-XV:1M8=;$S2/XDTZAE5HQ1'=DU#V=<37RDR%$G3X/2C 8R.N>F&+(>,![M)585OK#F\31#0QV">FZT*QVHQ >N:Q\SW:L*

*2#I=X!ZV)FIQHD+N,NSC:6"4'N(B6@73S-.[*QM89)0Q AD5545'O,>1^'J M].78B@=09JG46FX"X4?1<6P4 5T2$XM4!9JO/6=+<[M:S7;(71Z--QV#=TE(-^GO&GI!'UI,%FRNTN%)CCJ.(87DI5RXD MM|EHF'H|M6C|E5SDGRJHNX{,5=)<+?!:"(BD -PM(Q -C?H0!|($=^27F(C M<';5Z?[>[&]ZW6^DT1QT?N\,.NT^:E;%-)&.G76;3TK0"1 ^'Y#- MS*

*[20!H9SQAF/TPXN[KI=!O=)LYR(VDD06==9[S':.!H*Y2]-AE9YH30%VHI MFDW9<7S>,>_FE+G%&<]M"!",;5)(5HYC|47-]AO@.C_V^L[C<]L'@)KJ-1<" MPN=DT1K'TH?*

*(;'UG'}!>%1>5 EG&[OSX6>VXW&T JB53K/8%Q.GY.$&<9WO)0 MX]B*9.X)^Z^]X'&/VHZE*0Y5V8V&H:Y>6'KR'KIE]]WZ55TEYG_]HLREHU'-MVI,=VAZ-J!*

*(OQ[%YFE.*I7$\7.RZ_BG3!#B*+A,ER"4]GMZU]2HRK0LT<. M2$,X&@)IB%/PDN:,//&<5)XSF!\?W-$1MR"9=N|/XETY2+$;O[90L6.WO(3=>J4@+G(% MLHBG&3+>.6-*

*J$<6U+#9+Y"7"T#2*HU[^K7Y-XV:1M8=;$S2/XDTZAE5HQ1'=DU#V=<37RDR%$G3X/2C 8R.N>F&+(>,![M)585OK#F\31#0QV">FZT*QVHQ >N:Q\SW:L*

*2#I=X!ZV)FIQHD+N,NSC:6"4'N(B6@73S-.[*QM89)0Q AD5545'O,>1^'J M].78B@=09JG46FX"X4?1<6P4 5T2$XM4!9JO/6=+<[M:S7;(71Z--QV#=TE(-^GO&GI!'UI,%FRNTN%)CCJ.(87DI5RXD MM|EHF'H|M6C|E5SDGRJHNX{,5=)<+?!:"(BD -PM(Q -C?H0!|($=^27F(C M<';5Z?[>[&]ZW6^DT1QT?N\,.NT^:E;%-)&.G76;3TK0"1 ^'Y#- MS*

*[20!H9SQAF/TPXN[KI=!O=)LYR(VDD06==9[S':.!H*Y2]-AE9YH30%VHI MFDW9<7S>,>_FE+G%&<]M"!",;5)(5HYC|47-]AO@.C_V^L[C<]L'@)KJ-1<" MPN=DT1K'TH?*

*(;'UG'}!>%1>5 EG&[OSX6>VXW&T JB53K/8%Q.GY.$&<9WO)0 MX]B*9.X)^Z^]X'&/VHZE*0Y5V8V&H:Y>6'KR'KIE]]WZ55TEYG_]HLREHU'-MVI,=VAZ-J!*

*(OQ[%YFE.*I7$\7.RZ_BG3!#B*+A,ER"4]GMZU]2HRK0LT<. M2$,X&@)IB%/PDN:,//&<5)XSF!\?W-$1MR"9=N|/XETY2+$;O[90L6.WO(3=>J4@+G(% MLHBG&3+>.6-*

*J$<6U+#9+Y"7"T#2*HU[^K7Y-XV:1M8=;$S2/XDTZAE5HQ1'=DU#V=<37RDR%$G3X/2C 8R.N>F&+(>,!-

*Z(H.@,UHC MC*SWD/^ -GS${ZIESL'"V.OHQ1]#PM]GAIXPL?LB'8 K(AI$#=GF-&(') M87VPH;L*TX-,M:HJU_CLY?Q%H$?LQ_+.FO]0I[ZC%BWNZ0Y$96O#9]E.VY M:AY2W7S^E&.OFC 3H#'E.P3//VB3[=G{(>6);M6EV1.JANZ @GH{(.:!SFM!HJ'X6YWH'/4Y!XIH%\^,MSK02&F(VM M9?H2RCT3&%=O##FI8&1S#-'/E/F-*

'3K438@_'NTS&>0&6@@F'7*M1P315^~Z MN="\B;'K8$9F$93'(=]D"-2Y5 M@N&P&>[:?#"1)/?T-F&H)S!GL,#PNY7Y3SF Z] M8 #Pl,QTY90F> U?EZHE/S-]|?*

OH7/IY>F\4Z#W06==-X#\H;^ZL7I\ M_Z3+(OL+#.%.!5T4I%*A7BD42A>K0XR58(+2[7\3P;+/XY<;R&^^3 M^9(!]XZ6/-++WO<\@:>#X/W4W1WPTY1#-IX/AJY-F)^;@V>4\[FN6+^]4!P] MJN<'%(2IK4.08YF@Z.VU'P>/+'[4)&VFZ$"^:;K^],]QJ4_ZRA@,Q8BP%QFF M;G);QX-\0 ;,E!^\SL,^[P?.*F$FI-\UQ3)U>?CYYE\]A"4;MNRG?A;!

66#ZFD7 M+V9;X-G3&L'$F2_2:5$C-{)F_2[K+OWN>04,EIXV"=GL+:2)];8P(=AKF!USG/3'2@EW_""R"V=L ?!HEC+??BZB4V$]8ES[UD]#VEBC;B;C.!8--B

MSA@/8NET2C"0"9J0P#G'=X\B\8YG<;H FH'ZVRN&7J.MQMAH &7*_07{ID3DT MJ?7D!:X6^=6+[O 2+.[YI[/HB*0OH$_09AG>P+CA1PD9NFD>2,\C5?!G=+KR M\04?LG# ?RE//TP7L0"TWGF&?LRFGD[S?\EU$PMCF$]B>5+0@@^:S%ZIH5MYC M^WSX+C,G'[<0H.@>78G/XQ2_D'^Z)AL.#FTO,;BQG[#R0#^1'[A=;Q]?Z@^Z M_6;3TSX\Q&-?-

;_%_!NF8(#?KO=HS\O-3!,\CR*7/-M993_V)^__!UD+V82 _!S1W!IL@=V'OU;K^3Z-,)88&79)GKI8#KOR_&=7G:.M(EPGSD?>-+A&G)@PF"$QMW'LPM@@C/DK/!]T1M?@-

"?"X5\G1JF2_;)+ ? MFK5HIL]-+]?DW;/!N7D>20/;C 8[03=7N[WTA<>.ET=KO3H9A!>@!-2>K3V MV_$H;YG/_Y^]-VUNV\@6AC]?

_PJ49G+'K@(5@CMMCZHH6?)X8EM^9'GRWD]3 M$-$4$8, @[T42\^O?C%@8E\W-;.53985B:@ M!K1Y^+7/[0ES-;=6M=-1M(QNHU%K5EM;U=QN6)^,T6FT0!!'"^RQ^I;Y9XR[ML >39YA&]C#0.PV"/K/RD2_9V1I,R\.0EI=[?$;S#^23RR?]=P3"1]UJM'3^ M-W+$-**U,.CDW(.?.0Q#[_MY$KX@SK7@=->W'&)E])BCE1_R6D)1A#16C+I.:'M-

H=D%9]2V1;O0PA7\(CP*7XFMQA^%=NO1=P,:K%3]KKVFN)9D&:.R8DZI<2H<"0+D83W8$="7%4B1)+T4KG G/H;V]ALVA XLO M/%/GSE.@A=O/,3E#I+YB";_^

@$*]P=+851/%#4 W.S QN!XBO (,@7>S $P M7%V]Q=]ABVU'];E*?;FH2EL#[6MS("=-?@,PM4SH-L.I+ 9L1ZW(R/%&$B3!M]. +[QSS'?$;C0

A/Y!-0*\X?,M'3> XR\T, ^TB'>^1]X"@OHWP.A(A0#W' M_HMH#W5C/ 7*$2)"#B1L1BV@:9,@-A+D#<5>]0&P3@R3 %&"_LC=OGS]H65M07 \23+K@39BH)<0,+N$(JN^$

MJG>NJLGNJHLSJPK55E9!3Y[#[7_=##SGRQ:BL5!.T@QOCPB*N:0\VQAW-(ME%^PY.+DK=]. BY+?F(^15D;]6!"-QXZ-79D/.?&@**+H[_/E;FTO9(V4IH-*(

MM7]HU3:5B9H'E_XEOO.>;WT7- Z5A=>#&P;+?F!!8C2L+|| LHY&0U[;FI7: M2A,GI[!8$BAN%$!QO6)4Y8#BFMYMMN6%8H9CYDY/WN^3^Q2/?#8][#W\&%S MQD6FDX>,-

%_,#/%R/IG?^-6N@W@T6TUY*8<$P'.TL-IZ,I!<5C68-_5J M8W>FA&F!I7Z,$KS"!($)C>]+!?H5,.&!^9YZNSZ:.2$WJLA6/0,F94]])[+8 M&:8.Q &XWSZ>_W8R?

7K5F5CA+*")@&+X",.5N$KH,QJ05^],/Y'Z_>#Q.)ZEOOXV7E,..R|UNE=W5[M>?-6,YU'$\HG>7E]\MMV?*8P4G #_0> :0TX9K&HSP+H@U2]P^:,.^)* |XGH.ICU@

M>@0EG4PG359SQ0;LF (F*5/!,.@G1_[T/39.0S !U_H*VQR-'6_"V'?F/!A|%MSZIAOP39U/ MXA%A^_/ 0.>PPTZ_DS(O*ZAS6F=|^>A)E5Q;G6|\%R.+DY;6A_O.%GQ[U|HHX

M72^JL[]*6JZ\\!7L"L P=WHV?JD,GNB2%LB%/|5^9R*WUH>=W\|FXHJ\1BWT MTI3,)'GV#D]3@_M(W%V(FPX-$/M$9X$]NM9: Z"2>T@B-C!):U>8]D#D6;7 M"P(6!C-

Y=HV"/+N-YJPVIG-6;9%:GZ]2,VF9!YF]6K31H\CX+ -##PIS/9EWE M?*]<3Y6TIW(^5<[G7H*/ROD]=.*]YE!S[.$?C4U@7]'YI-(\ M9$-F;+D$H#H1+QMF-(-MSXSY&7L:,S=@A|W1)

(C 7X)$KQKN[TDE^IL%2N2"O:W9:%M:'<#E:Z;%PV M%6.=T-EM2EPN0R),=@P1VQ_8V OL\"5LOTB$BN'5<>7R?UK+R,2]:K$1$("

M<+#E6Z&RM'.J\5NAL2VPND(B%'8,R11$%A\V_CCA7NF4LRPW]@>WPJ"=..3[; MYIWMV*'-@B]V0&T17.9%+Z1 ADQ"]-++>H7ALZU'2COF_H(%9HEEJ,(?41#;@\DS

MB6,SI{)HTMA^]HO- G1QNEB[%Q5NIC*:%#Y/BI=3('/'IH"/2A<[=.*]YE'IS M[.$<$EE^CRU=[']?S'D8>-|7YV(S!^Y*,TUXYTE[H=M]-Q\2&]R^U6-7:$G>4 M4=

J";2N"F_9FAM[++#MR#[%0QR#MS.VZ?FLS^RQ"L*7B5XL'81/,5;B1F_$ MA;[4-]FJ2A1D*"&X""MT=I8.PM\$=!\UQ_Y@"E#LKQ^NO6[;'YG_[%]>L ML.) L6+EL/UU8T5#;

[9W52P$*+WM4&9-KS [^,?19@;'O;R<1Z8=7#=:RV-WP6@"KXQG_HCS02 =[.=E\'. MRE?XY/;]$=->'_.'X TV%-("7.B>YB7,]]MS,X!KM,6.G?R.-1N3$D:C")MP MW4TT

$;"8+FLE##9_%#3%5XI-,/\! L&_> QA'V+ *.QG@_1$05AHOT+PH M#$+3I4&LR,1%0#C[@B(7#[LFI0W#(TP';ZOXR-# M,N7Y=%KIK<*

<.IR(6)5HSI5^K]/H=P0Y]'QZ2^S/"'@7?6^)NYQZ HX$#BVY M"=H,O&4_ '?$1F T"N^^:6D#WQO%YR/>!R[:COR3N+45,>P2!@_8/BPZM"O) M5?#K.]6^9>X)NX%1(DGFGNA*

<5RXF(HW!.!8%5@8 R! 10C64"(B%#63;*2-M#6=E:"V), ("K"U>]=D59=B_U>P_0L">MKO]6":=O9&F#*6R!;5A66+3U^O NJ3LXZC0;>Z^6%-'N?=N-'2C.>M,B&G#8,'>]{2?

O&\IO#8& MF(/=8/?$.Y]N?[AQ>9*E6HI ML6T^GRO74KERR^;*W9)X\84SB&G54IKN"FI6@1]fL=@4U^P$UBM8HJ-EW6],]::@YU!QJ#C6'FD/-L7/>M*$FEF>;.*\T\

[[XA#QUW_,P&FAQVY/,"TW4E28EN5IMK";&(,+'X>$K!0-= M#^C9X#]"O*&K>H3-JIZH|O4JQV).TKO'K2.%D),.PF8V18DU[KP7ZNI(%F. MZ>2!Y**PM^5CE[9&DULMO=-2-

%F>Z>2!Y*(@QN4CT,9&DUMMO=64&)(E4GE4 M&(>:0\VAYE!SJ#GV. Z),.@Q%#KH658VR>N9A*X*)8%1(32>F87OY"\[#MMP MN+X.3QO6 -;=FIE9+4K76=X, ^0D3#$<

8J9S0;EO7$7HA:%OWT4447_KQ6'Y MS/IF3O#AGN^;[CV[%Y1I#P/[B5F5OYCOS2@.%6E2QO?KW]QPYC!PQBA*\UK>

MX*EP1N',|>",L1,3JL(9A3/'@S.UM1AQ%7Y4A8SBNL"M_\.04P47<__>/5^F)@/OO4^ M7E;.;RY[OU5Z5[>7-V\UTWDT)T&,GZ@:NRRWOW?:D/&#]B&|"*/ WZKT3Y&]

M0'QU\NOTH?]K0_&AXLVL?*2WUQ>?;?=G"B0%)\|_$+/S&H%,&K-H,M'Y(ZPKR M"7!?\)HR(%R -YLHF_!#0[.%TO>NQY@<&5OJ:K:B:2FOOFF$#8+KP@#&9<5,%.

M.4^CO>7B^NVIXOK:=PR;JIQ1K?5^9B-4A!4K@8<3+?1-^+0OXNH.L.S^M:OI MVW0CTY[H#]\'7*=]f/>P<5Z,G_) M#BHW+ @!_I 1XBU\8<@<_WMKAU@>]I-++1?

4CTZ%GKUWVQ72!A?H|UZ(ZE=>#-M@=UG?L!?>XX1I\"8!==,T_1\,NM2Q=5>$@Q)2N'1?, 2]H-3U_;P$U=&-$FR_;6S%P$\E'U^+E?XK*C-]R\;(V#Y M5$\<0;Z0]F&U:"?N?'7-

LS.1QF9-E]WGQD//@(F3+NW7TG5UT]FAHIIAF+"\7 F-9UXP4K*MXMOEEZHW]58 MWWF!I=T\4

9^@[B#Z8IY24%:N4DQ"0D.'675%SF0>9+6H4PB"7^AXXFG[]_ZBW5 M]&;1)<5BJ#M+..?2DQ5U977E1?;A>S>]R MA"!+:L-U8SEM.*-CYCIK+:3ZYM5=3C/G:,;P[1^HM&"

(,RQDBZT4I&(U49V@H M0^1S]C(V277>VE]YJELAZ263; ,/M87F//;^-CK8;2]DX;'^N-EQL?Z\W5C8\9 MZCEKZ6ONU@!YB(2Z-_9M1S-

:*Y'I(K4:;$&C8K2ROQXV66@N9[DCBQTUB.5T M(9C&^Q>C>'L-*.Y9%XKG^ A^'HI1_)E+[#W1-$[Z^>N.487KA_)89'/[D% MLBUG[,Z(>:8[28QW0;8Y>6Q+L!9N:7MXMW-

,U%A^8-J^]F Z$:G]B>%SBD9@ MA_'<>6>.=M$#)0,_X P0*W%C=TS[>S&I;RQ62&!Q4I\AX#^^?XB[0VZ6C$^%

M\=&?'V#O5W#D_\$37UG:/FVW9@D\GG/9<2Z68WZDQUD_K'B.IS3+LS%MY8% M$[P0?MOI9HN;,[>[&VS.G ^K-&9B+^D3$>;740V<|S(E5?7<+;=[IYZ[\G46

M1AW5T5#UP510LQVH.?H^F)+T^FKMNM?7C1W\K S0.&$CM*!-R0>EYK#+-BPR M7>N7HLR[#1*4LJ2^SM)%#;]%:]2%$_4VHTDAT%P!S'P2(;,#$)-HOY7:PNIO

M[>2L<5I@+-YA1XY?)-+IHX7XI4L2[@W$-]#<4V]DP'B)>+"6ZM.N$/_^P%] M?LRUM(G-'$LQ7'G(3W&RS"X9[N43FH"9%51U!?NGGXU@3U\&Q6%=5!4F\IW4Y

M174)H/!H@7H/N-[!O0-68%>MD[\VPE43M3$A_AV.?4;0$/C)=< ,(=V (P1 M)9#TH0EJE%[DB^:EC,/D(=|\@ISSTN!4^YUI$0Z#RF=FG!$+AQ[%)<-?_0A+

MTMCKAIS4\83&K#5#@6G!T/KYZNI(+;30;A MP=*9JO[\$C]Q'J//6+.,#](!PFA^GW^+$YGYD!2)3]$0I'-0'F0FP*. ^'YWGW/ MQV!7C_<3$"5:?W?/8>@KB>&^?Q1D'

MV6!Y;>R86/#//CO(HG\?6-#W;0&J.73+;1^ UW:IKB7F'&I41K%+8&CP@AE9 M5 !H+NFV[^]2B'2@,QLEXZ97!21,0$?N&+M@$=T],4 "4T$(DZ7VO>0\2SWSX;,]S#6'FA2

M<9AX9WMAXNW3YG2<.AH#A1OJD#QO362K7V.IW?)-'>%,N.FPR(7F'XOIV(Q MX%3&2-(X)VI;T.0)G\/U\!42E&IG5$ID;&IB-0>$Q 987V/4T!XA4:IDD 4

MW.P!W%P^.,]O!TS[AM9-J>|'(B_QMI.(&CM.(LHT@+|+,<*;.I?(?-V5QI76G MDHGL3,WY31>9RD)+Q2\;I.&,=K.A&QVIDBBD@[@-[_?OST'[!KGGXOWPNK5B M:$>K\79*R&1@?

]H^3,O)B9&NB@FMTVH7C20B",0|S6==Z5I+BN/%OWZ8RB M+=2S6KG 8Z-96/=5&K(C >0[HM07]+JJ!SJ7*(@Y<44I>.13$3,^D#1-9RT<--J-K(DIBZE+'=@/S&K M\A?

SO1FB4I&7HD@ 4D?&9RO2W+U$W.285+NDE>&6NN@THZT#H[6\",/T5Y(2MB<2E*UT M&6K8+7!W;4DT6)MSM]O"5FZ[2X>!H%6M+H0"^^OQ;9X:'<7O

ME5F@R,A,Z6B*W[^$W^_4*E"'^^!)B5Q3,M25^?YF"W,OX?1-PM-7;?12+XQ=[-MS>^-+(KRVRN\5B+ 9?M^:,6NL^/UQZ_?8^A-+=+A6KD0'=015 /[X^']]=_5_ M/P2"W,

)RPIZ^-'ZS #-AMZ[!MIEQU'&\'7Z[F?:EU;>=EG35TW\18O MTAUBW=E:7$ZG:.]RV_9#W'F|K^=3&-1 M=::Q:Q8A1%D?^ B+!N7&NKJH9M+FIE@ZMWAH.)CL:?

8GB(INWCUQ]?GD|N M7:5\$!R38;S_%29%M,W^>/5^F"@!WWH!+ROG-Y>]WRJ]]HO+F[>:Z3R:DR 6 M>5# =5EN?^^T(>,'54-6*T3[OU7IGR*I7WQU\NOTH?IK0_&AXLVL?

2WUQ>? M;?=G"B0%)\|_$.3&H%,&K-H,M"Y(7@M8(>YKGRA;SEH]V4K5^K+*%M24;LU MKZ)V\[31G;9L .*V3=ZDAI"Y^]V<$%,B|[T$D-]RL\CMP%#O_MYG]U1?% [

M=@.XX %-48G@%P;]Z%Q6(GRF!A/;PF#P0&:L!@&%V\:Q0%4!PC,"QC*BT%Q;"407;-M-R.D|[60@)'T:K5C@<!V9J4(O?3VY[A9_TN7=3L9|,Z3^50^N:A@V0\LF_[S

MA7%#Z#PXN1R-'6_"V'?F/|A]5@PV7SV7@S-.&MQZH>EDO[_P@O"K% X?@VGZ MWKT+Y[.*1#; 0=>HZT:[.0,'_*80FOPEP MY4QT;0C"-,AZH:C*[B>

[T.ZBL*AN>^8)#X1/S=0>I^7RM"+\|J+T.CBPI?OD M\=97GB\^PN<2P.I=GR-8UT|GFG:E0/_BLRF|>2E.I3'G5&JGK3EJ.QY #Z2X M_O=L^76!R(=;5K^D.CPO##[;9S|X+U

4;P3D1-3H_^SUN12%&/6=.0XL_2-S@9 Y(*CUK!&HU8!F)H+C MI:# BW"'7GN/@R,PJQC@QU&JLHM8P|&!!$U)M'B|M%2:W),=3/Z3C:14>SS3K MP|-Z- -NG+4'-F[4$/!-TK?W?

*LA=K MZ'0(Q0|/JM#<$Y<0@=N0Y13['SA&RCEX=[!XOF3=:@4U_L(.^XP61/[.,HU5M MSC;CV)0H0*UC.AJR?>I%9+R##S6Q6+@C#@IPI0#DF/%?JH,;0M&>@NWU3XY"Q^]|

[_B4V?8BXI?,$#W M_4CTI#)#KM8$-NP#N^D 'DC'!1 24 9 *H@M/O8H09PRX>]QAU]>%L:0A+L M-/56>YV\X=0>>TPE#;/&OF=%H'PA)@5::]KO8E'X^_1F=/K>/%?3#?"

[Fj=.P!@:WJ'!T23 0UT(#Q<@>!;#?4^S8E8!/2GW&D3_V C2O(-)D84[7+K1+ MC), 8H/6&QSRB]WW/<>\RY ^(%% DT*!MWGH%M/I27LN O5 ^^$Z0.%_U-'U

M&^94,EE_J&NI@>%[?^C#P83P3@+H!"D:6*9ZX,[P,;- '+'J?1H.-F!|./E3K6(/*YQ MOA.,0!R[1P2'U_'UI?

M.+0':#K<+>3[!0F2^2OD8/H4,98SX)5B<++RR?V(,QF>|Q: .@VP$?A\)9X/D8 MM0LW5%$I_QKOGG3>]P/_RP|*BS.|-EC$WLVSFA8PS|#V31/*X"^4= MD"Z7XA5$L\&!C5H

;_D7A"8G)5,%SVO"CIN1Y?$4Q:OT /Z-BJ7)M96$&)U] MG^#L>,M!',3&K=@C89\-!/EB2.)LO!B^RA32D7S/QP_<[31D24I1UB[-WI.:! M .

(O0* HRH@&L!1A$PI>>$CS7A6P:C]E1H,6.D+C/7SU9P1+MT, <0< MN.5!(<-"R_X,$!>(40FF%IAR;>Q#*3J/94TYV-&S_$G/L<53[?>A#8M@)B!T

MO'2B%$*@+V3T1&]5PB3CAV&, Z*!R0;P7*A5R(R @&!3R?G_.=?^/?MU8 M'0D)++8>N(%4*X%;]*+[H2"9 M&8IH9M6IZ#GS&+E8#(T;CV8BL;BS73,FWWE:"XM-

2SU#,Y0V<-#XQ[2P0>; M;:++:T)DDN3^TV2#+;UF?X\#(_(E\$%09H>ZPN ,R>X()>BHRX)M(@?,9'Y" ML'"\ )GRP.-]9?'3T'QBO)DS]]C A"SLL=RWS>1*S!$B[E_| WX_"" >GRW!

M4F1W C(3T<4<#03=*[(67F/W -3W;!=D#U3H=P11V$$YX7 ,P|C&7-BG4N.(- M*A'QO@#D9EVI)SSKT782A@(1T^:QE_A]0E8\%U8G/DO4 SK@9%F73WTVIA \M@#^ +Q+|

[P!E=2%BT*I)N 9]J&^SYTA98(Y2"2-N9PS#FX EGL.V';HJWKLT MWKNFXKU5O#?273@7(09G-"C$91""D&VE$N4/ESILD^D>H&#H[/(*08R)VJW3:R0B*P9QC8RSAZ!C-

XS[]XWQZ!#<--? MOOF\(YP%L>@?LT,AE;5F0VZL$!VO T&6< J@2%-3)*2*"WI(3Q?U*6FOZ62\ M*(!/@C=[VD7!AM_1^>2+^8?G7\1'>CY)K/,",!X4=M%N8U!>EKIH9QIF=S?;

M.#O/"8R.R)?7;0WWL"OI1KX+=O [Y8HUQ=.L"YS!$NJ;GX<F8 F+XB\Y.? MEE0#W@VCCF]DNC3]\-(L$B&)@IK[@]ZG@AH%-8K6**@Y.EJS@V)SAR>SJ3G4

M'&H. -8>;XZ#F.+Y"K+%QO|'Y9;=%67.NK@.OMKJZ?#NW;F15AC4N7EZR72W* MS"M(7$PRESXF?D33H>RE'|_GIR0)1N5[XWB^D"_V^$P|KA]BJ,=,>@+PS!N MS:.JN&JK-

ZO&A5G#4YD_"Z%VA5U[O-V0(:"JT4 M6FT=K19KDK@?;-4P|&YC=R6.%5HIM$K0]KM8$OL^H%6SJG=;N^N_NQI:2:3S M'D.SL2O/9W"HV@7&>/LV"]YNPS-PJ

8;-8>:0\VAYE!S2,G0#[^;6#Z.O4N+ MN3!=TS(/VX:]R'0;5D46US$,XZ6&YHN>+#I&N[4[<]B1]>C[!>.UEUI]8+Q MZNX*0K&)8;Q^DM-L/+

>$UO=A4EEV@Z>;"\5*+|#@0;NB=@OKWTD"Y1*K2 MX=L^BU2E3Z'I3)2F) _M6;"6>#GM^70K"^W!2$QX)("YHP?Q!>O!2P_B59.S M>D%); 7C"L;-

!0OG2P_C#5'4V@K&)9I.'AA?I/N!|#!.:E*K6J0N3A(HETA-.M.DZ/FA?V9/<|I2?)0WR*HM.6TI. ^_'|;(SX#^XE9E;^8[TW3G8]\-$<".#M6 MX*Y57ZHA*>|6P"TK'[H10= MI^\(ZRA?

8^>#++>M%2]=FVL0:%LT5DI!N+:;SV$O)6% 2RE.H%@$-P(U(QDDR, M19I<;C&9R)"

*(^$D!\S*LX8CQKB@L92FM<#_PKM5M*+Q3>"0KS9C"O*%)D*45Z7S"OW=Q=U0|F">1]KTUEZ1T)]^C)#-K MKX!1*PK664]A_>]Y/Z2C*?66*H>F,&HW&%5:+851"]-

V@5\'UHB"!91+"3&][==K^:\;C)-(DM^;'/:0\VAYE %QPXV$NKD[-8+0> Z[&20YR7P.DC@EA=ATW-YRR.7+7(9 M/6&QVF6R: !&2^_4Y5&/Z|>H5"OI.ZN\ ]A3I*=S*XLU@%-

UEP]HG2:SL,>ET-=X32^0I^WGG6!%=K MPIV=O8KW\36"4[+[9Z]>%>MI_YA:[3_>I2NCA>5T.;&*"4TLOZ!QZ1SSSF5A M[2\+=W_ [=N#R;SDF'J+%O>5A5H P!!HH.?!|\QW34?

K"^B;IWCM>$'P1K/= M/GR@W3$ &*:-?>_|#A"2T]EZW[\-U"4OQ4:#[|@*9K:1Z&M6D^W11P&,<[' ? T>@O|\QK01;&T8: P6:6G_CIR)5C= 2P<^0L,A4F@F+!, , MX$7'\1X#

[;7MPLM>%, #P9NW\|YYZH 7N/U?YYP@M+HMC\8U5JSTNXU.I5& MO7M9Z77K0% _^]HJ6K=;ZUQU3S0&R#^&.4_8IS^V$_K!X0@72H;!-((H3@-"/W,@O[%3%SV

MR;9L4IOOT5K[92OV/2VE\H73]3T$?>?)[7D;+,T]@^WP_R-LNSL K=]B2O: M9]XZ]_[N[.9* X[MLG[H^>]_O3O;1H.?Y^Y,@8A4(,*E..T":":0]",%DDU.

M\V<>2U2)PC(^A6P44,;M M]9@!1P%<%'$;(OLVS=$!CP+;94$0?TIOW0P2;W#/M4BFCN4>%;N>WNSNM,"T MT9+/(%%=&B0]]ZR:23BX"

[\Y3FS,>"4G.C4UHUZ5Z&3I.@D#T]:L)50"3HE M>LY7SQ48LV4T4!U8%/2O/V-HC(H*KUQ5;"62/G;4C$3:92_U\'+XNE%$+TV M'4-_ V KB(M/M@ -*]+B%!BV582Z44?

B)80HB+B9[M1K &L1A8Z3D!(^_N%D'N M\@D(H^<#'33]"2T?) ;0Z]^ZV\D@ODM M3R>-QM@HRL/>&XU1.EP]JRDSC4S32<3*%NR-M%Y=4CH$29E172X+S!$S(XF0

MI"@[>UF54V*8EZ]90P;F)=)-C\TQ^8&-?0 6IGB-8=+;"+./_Z/(F"XJCS6L MJ->3Y'IH%K90LLY UJKU*&I2:9#2@>O1]H%,9CV1HU1$TTFC16%HZ,;QN[J*BM4

MD)<7-(WE46%%_>AEU%RO=Y6R+|%T\D!PK1R"-P60#8SRT3NMJKP0*9':LQ-G MT^YS30]DN@/?WF%/5S_L[1WV=_>^O<.>;O?;DT@".#;#)Z\&59>E&M1AU9:3

MK<2:NM&U2"GJ1@|HDPI'#VV3LMVH1-+-L073JBH_LIM$BP+\9]M^2N7KW6(*_M>U5ORI6B*9UQ7Y7Y02PJBD7?-!;M89F?IF[4I4JX4>@D)5,J"EY?')U4F1\% M_?

L_.44AZ;H3^P%XMX_-MJW*_,@>>]U;2]MTL2AZ07"N4,.OS^Z55%7O1S;J5$*3U4J B8= MN!Z^-EF'"475+/=&F=Q O1^Y=$#1/=HNI%%2*:-,W>E+@.F000>;1Z5'M;"")O9^V

M7F^H"&>)II.%%@2&3YL5=U/OI #%7]7XDFDX>"""ZJ7KBO(O0B@&QW]&I3_L-' MK^#GG6=-<&$H?IV]BI?\-1K!/\S5Z^*M8-_3"WL'^_21=.BN?M*:%@&;?,]\%7:4O0F?A

MY$78XFN'PAM%7./8]Q[L ('OM0AQ?#,3XTC^)2\<,E_SF0-D$@"\4TEXC$,8 M#H"OP4.,"U*#-H*=#0.-P1HM[=^1,|'[!JB)U5]#1D.(UDR8WPS@/W"^UX4P /!F]?

SCGGJ?!>YR,RAQF=;?K< 4'WN C9JQ*QWSB\NSFNU2K?> MJU<:U8MJY;S7;E>:E[UJK=TRKGJ=2]!.WQ-8@@KN6\S_YPE&<##'&9L6!BXG M?P=CLY_|

!8!&'1NTW5M\1C$:K57\|@9P7,R\%.=?Q$&C69$SA:A7YF0?IB M)B[!9%N&AJ,IG=7W$ 3BB1PHD.ZW!L%%PE+4N@IKE8[CEK0)-%B4.%[M=*0<3H'&?-#

{&>&U(P84Q225**1N68E"^QIH\?>.W=6D=O5"6. MHCIR+)(F8KM=G/FZ62S:PJJf1EOO=E72@ZSX)]7*LZ0712?5/%=!?WI#/W% M.;33T"\+46^T0$B2N-*!1.K?*

~~L678SB^^"Z"!JN_NF@25E&%K%Y>_EUHOE+C[M6UTWY"*11USK4!ZML;C(_!YHC=)AVUF|HTPUDTG3,K+B6_8752.@1)V5&G M+54%OR-F1A(A27$I^.6T3HEAOJXWNU(5F5'%=W>OH*K"N[)1IV+BU"DNG2^U M.KKF0G8-[.'2,JHRD3#I /985 >+1]Y6;B+ M*KVK %M2P%XL F7K)=#UKEQV;^4;E$3S4L5WY;0CC8)R=3)J5R^]CM?HZO6F M5,8@Z2#R:#6IYK800)+BNQW=,*1J#"L=;!XM+R@JQ+X9#>EEU%RO=U7Q78FF MDP>"BRJI+0J*K0Z0C9.SM]%W6A(;:B52>W;B<-I]VNF!3'?@VSOLZ>[QO;W# MGN[MW78T^U^>Z0)+ ;=F^.2%)H>JR%(8Z6^V M=*GS*R12_X{-N#V_X,]4)]K#5A$E#90IR?[N%N4/2*X62IQL;NC5FBJQ(_=T M.U :RY"LJ*SEWFB-$]-;MRE54=DC1C;).%I1%SA;Y0E^%%4V'}O%,KU8TI=KKJ6T@'NT?*1EP6]H+(_"K"E!.Q.=;$XE.U+ M+&VY;JT]!Z$DFI#0J];I4VM6+"D4T:WI=+D^!=!!YD!4 M!UK,%@)(4O;GKe<;$K-H"6#S:'EI\?7E4V$79GPX05_#SSK.FN# 4O\Y>T9+[W&M'B'WVZE6Q?O"/J;7]XUVZ M#*%I%3@<0*H#0 /)+&HMIX:2^1B/84A\GM>R'Y G\'3]*/;-8C=LBY^2M^?3! M#OJ.%T0^NX4ASAVO _,DAICFB<;@TL?P7NA'#*2DX@.8VO_2VW]_=_;5"YG6 MU3!A\7_ UJD9QCOX4/N4"XP4M0$VM(C,'93,H$U/L8]VQS'6=BV&3)1;-/?O M3(L"HDNG'<(R!,R"_X N',T-AB 7F_,T"EHRS{UT|7%H]X>,'8#^`, "3@.+L M:0Q/I6 !LPC%<63I:P\\V %2I]*K]PKRJF@F/)6X M6ITM5<=WA!!3MJ7BEFK)EI8(&UGWEA]=>7M"S$,8#X<^8]H(MC ,-,;B)?\[M IRJ&[J&5T+H@AO1 0[",<<'9W*JW18BB/9H!EK)414Y^;>_C=@4=-G=1E/ MF1S/ 4HQ,%&[3'% ^EMO#Y@?3J.NW.'-DOVJ+'I<,61T"8X',@#L4'810W\9@#M,SLYB%KM=-,+N/!)U$^U^&DB|Q@(0AI?);4S>Z%BE%W>@!;5+4QZ*%M M4K8;E4BZ.;:: 6E7P1W:3:%&8?RT-%)&QT>KVXFY1-M//JFL6@/"_[4#+U15[XY6?%)&[J4+8I?7QR?5,$?!?WI#/U%4>FST"\+46

7V93(@>)I9H&'6:H)BI?3-*_DUFB\)IR?@8I072A_'/|G)S,LR& V4%(N8 MXEYG;_D5G3RPHUEZ&:M+2OVT=5CO>.-5X)#QAP_<@UQ"6(:S<#E|M'K, #;D;AWJD8C1HGY%64H MNJ7-WDS'A;RP3@+-/'4,WS'2*>:^_5@4_K2%H)Z*+-&0';<7H4?&3YM=]=0R M^CQ+,,A0TD<->/DDF5NAXW1PVY^94K.3B<77P*PZ+<48GM!D0'!E "+(F*]0 M[U/R-K.(84P-2D;O^_T4)H(VP%CZ;RS]BK,)V0#ER4MFF 9?QTC*>,Q^/\U-MP%,5A O)-PR=CY105WGS Y<%KL>DO2WK]/=-DG?38U<:?ZVUW3TMYFE,,27# M3T2P.B\$L.#9);+96$R23$D3L" I](TJL88O[-LOT(E[;=I.;ISZ/P^P>K"? M1#8E3W),!=O^:,.\7JY2$?HJ%<+$H-_1.QW^'O':U=%@K>;?G/B.IH,7QXKGN)AF21[M5J^'%OBTV7'/PLG"EA=)/C)-QP:+6+=L MUM.^%SEFU6&U@XH L*9CRGY(Y43)TG7;$*I4RJIB(*R\41)8TO\]]RIF3.MB M?&&OA>MP@2W.LD$-&#V"-;83A+ C>5@^1YMLDZCTKGN_O%\?NGACW9\;Y^|& MYC.D!3B0KKNLTRK(=KI1;46B<+S4(YHZ*I&4-Z=8HO=*0N,(2 :+?[JOCBN= MKE,A@AWR&$FCGT'ZV;5GMS/9? 7AG^YY2MKG!QO*)+"E:!EX";=!+\52:#8< M& Z$D'(X4!GU07)S4BC:YLWK;J?G 5C*,$XN0AR+E&7!R7H80I82,.*0\.HNAD4V!1Y%<#F>O6P68::$N><$[S:GJ"=04^+0 MD_""=YB0I7R]1]XU;IP M5PS?UPU@IJ;K@'Y -$-J5ST=%N,AW"7*2^0/)T-7['_O-^UN5*#7Y'9/)BS]#*'AY2&[AS_"]\4BTG88C-.$ M2R%HQ!@JV9V,V1D-:425D5L3N5Y*.6NI)CARYC3-AP*;R/5U-&)2X%9<5#Y M4Q.0,*_NP-88E"=FA+P[UO X##52BR^XV]-<6"I"%G4=Z+S2/F3.0!IB;S:#< M-B$5?LIZDGPWFG.@B9L17Q[B^+O6-<1W1!4"\SOX;HAC:&4&E:;Y&4/CW!> MI<.:T#6"+HTY*X3>9X^-85ERWS2%N%/"*+CBAN9:+R[9&,H>H2VI$_> M^_7\"@[GI?#!#V!MYU3U_)85M9.*9AR7G"NWZ]^V\[7=\,&WV&6FQ>E7%+"ZV8OX&G&A9+%&O"@RCAEL:A.KKK6>\K'V]3L_%M*<\3(:W+$Z;[4,+ M?7VKT>6P?0Z3&$T@F[HL:.D-MS-F3Y*:S[K VI=#C%ABQ[TT]$XZPEG M.Y;-%-3%C?:U;L]B/6N-AQ\T*XR\>#6'2K+ID0[3YO:1%]JKTE>;85'=B)N M'^&?M3"Q.6:HHEKOGG*BY Q!S,Y91KAR*,,.M.FO>$;E@2,.SW"I#0QE&HI# MB]HJM&28) \F6;"53<#BZ662I5,V#L:(Y(;*Y2VQ"Q/L]56I]Y1/VTLKY*I?% 6XD6A[8\\FY7"S4W4BR]SK-^X ML%3DFL6M%PK&PON$ &1R70P!VW.UY>I\!?F<2&6"ES+@R]=VEWS82"7:0[]P MMH[4/$&[\T2{5AYBD?L'RRE4R%B$$S>Y!2[]LXAF2S#P0*77P .>Q2=$FV MNSK>>>E"Y?(MR*.WG;+H' PNQD"1#6C!A\>DH$TUH@.(IG1D?O\9(FL*YF12\ MAT=*9\"5C=XH:,C+2$K"Y!&.HI&=EH'!;:C(;O+M>&==[M^J)\4]J/DFQ@ MB9&:ZV*!<;BHP6&A(M<+28"5V9:K+BO15D2M\(BR7*E-CNIL!6U)8R=RA"(%_M<<5^%;5PC/U:? 6L%6L$A[C>Z=0N{M;=<9JU;T\0H/=Q3K-^6L!)'MMI>9&NI M#<%1+/#* C:,I9A4NF R:.ND-#O&5_C6DQATF.3FT.EDU@UD@S45IZ*]LM9&) MS-*:)(S_$EVFF:[? (>'ELU@A//D0QWWUOZJSH:OL(>W;V #65_[%QHI=V_F M?:]+L^]NSNYKPUHHZ,_H"MA))?=:,H%)A2K.1=@WPL9!MQ0IP8?>6(? S7W5LYI_NFI*_@PW^';,,U+OS5S_S0'OPUJ2I+'?CX7HW>D_1!-MZ\JGI%Z5D>0K_TWGW#]T&6+A@B-_31?0I7[\!?:.U^F=C,0:F+.6@JI39AV M.[9=[*M4H=_"3&G#INN@H M5P<2%G9MC19=E!O+?,_=E'_7,4!79C: M(F/R?*&^5ADIG]B\}!L_LFKV7$A@75A4-DM(NOF<:%*:)RQ{(NGEGG/'AQ5 MK7&&+KBM6HIF-B-"GUVLCD"NHY-5;G"LL*0I7N? 7#C=WH6YP]G?@.7WTEEI>_MU2[SJD/E!.5+9JF[%,162WE6J_U'$U=8X),I=4RMDT^T9%280/1\W8?-ME)D MLNJETR+G-G%([U0YB0)8VJQ!2FN^RS_7CT7.R*:_MO=-SN\E22"@$NN"798O.,9ZF8.2<,GG,WQZ$@@1%71\X-5BI4*C"1$E.35,U M>WAX-%UEWU;J/-JW.1CG"N?F0KV"QCL*%+5GN,JP"%Z9ZDG"_V[4>Q)VG!PWZV^X-?(@[M^^A%W-U,2H=EA:Y,[5!<{J"=:[*K7BSO?IQ7(KWQ8Q\V*WQ&C6^A%WL'2G MN:O^-2I7.GM>Q982*1MZ%5LM]4\;TN&&B[^USQ\NXT&WTN?8W0^[>ZT-Y_F8 M.79/&.MQF/&X-1,48>\E.LS&S7@S\}++'*^P*_MY>(2[7-/3(6Z4.]?V0)3H;)O&,\JE!0]#&&,.L6-3%&;%B+<+_(B@M MDKMGM7^$&G@.WV43 K,I,+. [$.RH2PEOG%R)ZGW4!ZY5 M@#W6;$>UYMY.O+OKX&@-?BDI9SF-SZT>]BXCMW>0J?!?4'_VOL0L@V)(QJH) M>9:@6*-OH)B@^OZ?>"#(2-("!7T5B47X<" <:-)PT:S\>A;WB\QYYNS'CZUO MQ2(<9H7)7\/%'"9$ \LC8',]1@QY!?O%I&!?#6.B&71>7C]<*2B"'+1Q\+_$ MX$9)/(29P.Q(>+PG%XN *]-OKVW9K/Q&9K=]9T_!%+)4:/F$"-B7=M:N(8{] M"4<.#] 9>#H5LC0>P5@8@FSW^KM@C6IJ8B/4/KU>_CAWV\2LE1&<_"%>V9M! M_E_&V$9C&*$%1&IE7*XBN)9%)AV1QMK%4[^TLX91LO(=T(:U(3'73MN'H.7S;80P]1OU"]MKQKR,9-7D=T%C!$#-A1UJD/_,??[MXL8\\V5[40_>8)C,%)-BH\;IB-] (R):V2["I)/(4]R_VN+8=7>]7U*/R8;U; M?#1]5,1E,.."@4VP6'!4#!7""S;>H62_3I>G;+N$?.]6Q6X/0@D'X5'WF>0$6 M]T] 1-'Q8">P9]8]FYT;A M64Z2"]-NSBS[X7&A(}57%W3*TMQNJ7E (Q"=_M$&NRUC&(#66:0FI,E0P M97DQPPXJN?&$D.N>@2TR04I(7+>Y6PD4&HD/ZZ5"WJ<33U34__M&>X:!J)93LAWPX#BH(H@G;4H(8? U!2'^;JN7+5U\P5N4U90W7L66WYEJ/@_*_M63]+>K&%)D)_#[&W/YDP8/<^"ML&QO>68O3-O;""2L@;286WQW0:\G4FS=JE MR1LK@JV=I+|"SJ2F/*F\M%Z;92EO6"\;.P:=3,WA@[!'0EW 9.94S ;4W5%. M3T#$%2WD?HW<#]\ "(/3D_KP?OS/TX^!J?O7K__^/;H_/3]NP?A>1+_6A-, M&VJ;_($O'-+]J^O*M:W%/ZJ%TO+46J?.# Y*TCXX^AS7B2F-2KMT\SMDUQ) M>-;52E&T%9N]]D%C8QO,H#*A$3D7-H.B3B&C6A.MF J4M],K@'U$ V[H(VR' M/T40IY*#Q68ZFSH\G6%YN4947F.GC(D"%V?@D0KJ?:KNAFH[OW]>-<1=*UZGXKRFB4%)[:/JC=E9B M8U+K4NT+5K8T24^XQ>6UQGSGW>*WV%/#G8K-A;_*?S*3&02S($[)IWS91F MX)';9#QR8)\W-&KD^_%,#[Q70<^&6>Z M[\7463%E%$"/FD1]QF;9WM;AM[V=4STLE""FXZK\203,?F*V\4"\;/N$3X M?5AB),G$3ID$%>9O?N%A+#N O[21>TL,.3ZFC3S^DX HOY>@45Q@94%QL-!E0&Y5I_P,_(OE]4PQ MC4#>,QX'3I$1XXU"Q%W+8-1?^9P+,<_@>DQE_5%IY6PN2$8G->O MM>QK;VT(U7]>7K&@-OK!$;#BZSPA'N<^D,'9 Z4V;6- ^Y:\;!OK=B'A5;OG=?]M.624.]W8:C(N/AV2;5]QHX M$H;F\00Q46_];B)/G34:K\< 9AAN!/.:LEJ-3B(10 YY? 5]TU8!/WPQT&F MX]\)IL)XGM6HY*STV_8X1&*\&&^3?I:.HYZI4?Y,COA>'O^[8+T-;/]QU#D2A\CX[.8>N59"%A8ZO9JAC%GQ?2@KDHK4%TC/%-A_:!(:[[WK4L+_6.E"1 M9Y@[", [Z8F__VB@_WSPNGC$=%N<8-,R@@"9=]2@RZ'K_)9 MFRKXD%=-!W/2'R$2 M=>M/K_CRD:.U4 %C)>\Q> ^F"'1&6QE%GP)\)91<0'<,&@: MW FJP6]WVR'\5V]W^%7S4*OT\ED\ [T+)4.S8?P*_Y0 T5>(-BW$F-;'E_BN M5EI/BM^3NDU6?'H,H(=];0G+Z/I7WB^<*JHRH3!N_U'26%\.Z"):D:V3%75]M[E\]0(=;-XS1WH'U39*"$VV.I];RD>0D"3YM.Q"QUH]E? 9]27T7&[$ZJV&&& ME(3+ 9(0)1/U],5"Z.O5D4OG7= I$F#LC(!4)0EC&W7!-9%A#AI:%JGBBVO/ M6QH+,J8([6[DWJ=_IS48AQQ\)/TZ.1?2@8=401BS1<*DVV(?TL35 D55#6V M,H_[4 6Y;84&!MKKBS2X$ZTNT[<2GLW3O*(L=L5Y4K9\%=.]=Y< MBD;)*?A)H Q*%(4MHR>IXR8%Z%!-- Z@$C7]SV>D,:&Z4YO=ZF473EC^PTW61J[6]_#L9$C17WLS)1[/1DC=&6SK=S"69#(M7!PQB4IS?[U:%73D<@D_KQ^XLC7.BBE+5\R285&R[E!H]V#"5,X8@?DWJ0R@-M8 -U1H>03_@3L'+\DQ(BWIKRQ/5NE*E=+DP?$&#.T-@X/KSZ"R3]=\C24(WML!Q!^9HYK"%%U&/-M.YZ&"[106"69@F:#:4K$_RBDU_=ZBQ5*O:,^>;,L8=\&Y@8@Z@6%$? DEBM%$ MNE,;!^^3R2S]STUY]3*OV/)P$FV1"XPH6]FV/T*;+.![01@NV=3V: TI7][M _=FGDAN:A8[!HKY#"P'9& M=]STX>YNB+?_ZH80M>*)1.O$IG&$ZW"VT&HOODY%%Y? <0ZWXH@$]Y-@=>#G M=)++T=7B,E1R.6^NV7R3?4:,1YFA:R.GI8]&!7#6LKDCZ@MPB1\EQS9C*A@1- M: X6AO0^FY8)DXN#_-9DXMK+4VX-!D;WG$'2\,ZL# '" H38/4&",8CSE@C M.Y=HV/\|MWP;7,+,:11#ITS 6V ;77#W/=VK2^,:,9;.4I>L,)5@Q%4-/;H.) MS-J6?%QATI=$EB+W)'G"|Y 9CI8&<|=;A M8 2#7#:UAXXB8'>BY.+7#*:M4?@,8R03?\#<_[E.L*.O0-2@M M51_68=\XGO4PSM_A.(@)G[-R?,8^;WVR6\G*Y4U95G_57@S1Z3OU8E?[4>D[^^O^0O_+0WMY]^3:[@PDW?%10@(AL3 MAO@8#W] L,O@7)DW4FLU:HXE_[-0:^[5V\TDPC28Pl;@_>/YVGHW1,YB_'YYG M@Z,L.X>77X[3_E\/@F3PVY-^L[$/+\1Y/YKA1F=%C%OW347>GLFL/76YU5O*.M F^MTDG&]WG&V.EP,)@73&EHVZO);5RU^F^,YR8UYA6=*L+_V\L,Y.RUY^HV M2@8PZ':DVW9IRRL>Z;Q_9&_}(JTG+Z.I/9:*_PL&2<8HH>2>EXKQO3I#5Q%Z M'UV@$EU[7"W;Z.W5FL%<*"|R%$".@I}3[C &5[^YGF*_=C*W%Q@<3@4I'WD MK(4T#A9AKG;K@2*(7W_V6.X2MK2EA.G84+<>G%R-DEXROVL%;&X*.8$%_/:D M\80Z,L_0_32]L'\'PNJ;O]I\%U@^DD36&DU4S--?/(6&_@58_M]^^MO??IWW MTL'UBU_G&?P=_SHP7[[$,&X_&AO)-8'+,.7:2O_N,AH!7OLF)R3'1[N\%?IX/ M;CC!P\XS=0C\.OP_K;-BN7PTM5XZGZ<3$..S[X!RCX/LHK?3" /\W^XOP?WN MRCLJKJ[3=EDM?Y@=S<7/JF[VOEFH][\XGW_=M/]-0I&&>]'\=6_]EOM_4ZC M/II/GG@"#L1S%O7GSV.^6EATNYA<]L8D*)X9?[7*+^/\X;\?8-$V.T9D8Y4?-MUL&2Y__C:]#P*+9!^1MOYH-Z2%$X3%Y-!DG$_TI!53$5%3 @VK(TQC=OCL%F MC%Z4MWY+:,?;>SNZ*8-O-+2+85NNPN0G!W@0\1FBSM4WTV;H;^EQ$FKIO^ER@-MB1^!.%O;Q3S;WP/S;!X$G^IG|>.Z)=-F>Z_!H*%B%U?1\F&C^^/1'0DW*O)W&PTZZ? OSKYC;GXZ-MI;*@_WWY\0T83UB4TH^#5VF_TGA%49R MDD=*^"]4\,;HY?92PINH%X\?B>"+B>##QY/M)8(/W)'W431\#5KH?,=T<$P(MUA^P&H(SR.&B7\5S2,PM,'LV^'D&4HJR ---MS\196U2-U .K?74(J*\UD M+X-IXQRSA4RHN\K'6Y5 K==:1UJ@7*TY42/L]/?WQV= M?_IXP]*"(A+A=+3Y020FZA3=T@J+Z^?KYK9+:,][G+# M?\Y_AC=AJ^>@ 'I,.5]Z/;G?]+Y^"=E_X_4OKOT;*MI5X#* M\>*G;Z65/AK4]TZF/C+D\\60/R <4O!_R8_&C/UU?VM&O)!4<'>,^+6'TW'$ M(&58?/&=\F7E"7AS='9>%\W.C(R.3,N:'1M4$!: A0#% M @ +8$P63M###VB+! 10 T (!YQ, &5X7SA 5 "_1]$!R9FEL+3(P M,C0P-S.Q7V-A;"YX;6Q02P$"% ,4 "M@3!90L;P&Y_ !DJ 4 %0 M @ $-4 &UL4$!.A0#% M @ +8$P62QQM&8G5P =M4$!4 (!WX\ )'F:6PM,C R M-# W,S%?;&%B+GAM;%!+ 0(4 Q0 ("V!,%FPH>ZV;$, +$=!@ 5 M " 3GG !R9FEL+3(P,C0P-S.Q7W!R92YX;6Q02P$"% ,4 M" M@3!9O@=R3-SU #!W@\ % @ '8*@$ XML 76 rfil20240731_10q_htm.xml IDEA: XBRL DOCUMENT 0000740664 2023-11-012024-07-31 0000740664 2024-05-012024-07-31 0000740664 2023-05-012023-07-31 0000740664 2022-11-012023-07-31 0000740664 rfil:EBCCreditAgreementMember 2024-07-31 0000740664 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Note 1 - Unaudited interim condensed consolidated financial statements   Our accompanying unaudited condensed consolidated financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America ("GAAP") for interim financial information and with the instructions to Form 10-Q. Accordingly, they do not include all of the information and footnotes required by GAAP for complete financial statements. In the opinion of management, all adjustments, which are normal and recurring and other items of gain (loss) and expense required in our view under Accounting Standards Codification ("ASC") 270, Interim Reporting, have been included for a fair statement of the financial position. Information included in the condensed consolidated balance sheet as of October 31, 2023 has been derived from, and certain terms used herein are defined in, the audited consolidated financial statements of RF Industries, Ltd. as of October 31, 2023 included in our Annual Report on Form 10-K ("Form 10-K") for the year ended October 31, 2023 that was previously filed with the Securities and Exchange Commission ("SEC"). Operating results for the nine months ended July 31, 2024 are not necessarily indicative of the results that may be expected for the year ended October 31, 2024. The unaudited condensed consolidated financial statements should be read in conjunction with the consolidated financial statements and footnotes thereto included in our Form 10-K.   Our accompanying unaudited condensed consolidated financial statements have been prepared assuming that the Company will continue as a going concern, which contemplates continuity of operations, realization of assets, and satisfaction of liabilities in the ordinary course of business. The propriety of using the going-concern basis is dependent upon, among other things, the achievement of future profitable operations, the ability to generate sufficient cash from operations and potential other funding sources, in addition to cash on-hand along with the current Credit Facility (as defined below), to meet its obligations as they become due.   Although we have incurred operating losses during the three and nine months ended July 31, 2024, we have implemented certain cost-cutting measures to reduce our operating expenses and to help drive positive operating cash flow and increase liquidity. Our plan includes consolidating facilities and recognizing the related operating efficiencies and synergies in our production operations. The Company intends to continue to pursue additional continuous improvement and cost reduction measures, as well as organic growth in revenue and profitability.   On March 15, 2024, the Company entered into the loan and security agreement with Eclipse Business Capital, as administrative agent ("EBC"), pursuant to which proceeds from initial drawings under the credit facility with EBC were used to repay in full the outstanding obligations under the prior revolving credit facility and term loan that we had with Bank of America, N.A, which such credit facility with Bank of America was terminated upon entry into the loan and security agreement with EBC.   Principles of consolidation   The accompanying consolidated financial statements include the accounts of RF Industries, Ltd., Cables Unlimited, Inc. ("Cables Unlimited"), Rel-Tech Electronics, Inc. ("Rel-Tech"), C Enterprises, Inc. ("C Enterprises"), Schroff Technologies International, Ltd. ("Schrofftech"), and Microlab/FXR LLC ("Microlab"), wholly-owned subsidiaries of RF Industries, Ltd. All intercompany balances and transactions have been eliminated in consolidation.   Fair value measurement   We measure at fair value certain financial assets and liabilities. Fair value is defined as the price that would be received to sell an asset or transfer a liability in an orderly transaction between market participants at the measurement date. GAAP specifies a hierarchy of valuation techniques based on whether the inputs to those valuation techniques are observable or unobservable. Observable inputs reflect market data obtained from independent sources, while unobservable inputs reflect our market assumptions. These two types of inputs have created the following fair-value hierarchy: Level 1— Quoted prices for identical instruments in active markets;   Level 2— Quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active, and model-derived valuations in which all significant inputs and significant value drivers are observable in active markets; and   Level 3— Valuations derived from valuation techniques in which one or more significant inputs or significant value drivers are unobservable. <p style="font-family:'Times New Roman';font-

size:10pt;font-variant:normal;margin:0pt;"> As of July 31, 2024 and October 31, 2023, the carrying amounts reflected in the accompanying consolidated balance sheets for cash and cash equivalents, accounts receivable, and accounts payable approximated their carrying value due to their short-term nature.   Recent accounting standards   Recently issued accounting pronouncements adopted: In June 2016, the Financial Accounting Standards Board ("FASB") issued Accounting Standard Update ("ASU") 2016-13, Financial Instruments—Credit Losses, which requires a financial asset (or a group of financial assets) measured at amortized cost basis to be presented at the net amount expected to be collected. The allowance for credit losses is a valuation account that is deducted from the amortized cost basis of the financial asset(s) to present the net carrying value at the amount expected to be collected on the financial asset. The guidance is effective for fiscal years beginning after December 15, 2019. In November 2019, the FASB issued ASU 2019-10, Financial Instruments—Credit Losses (Topic 326), which pushes back the effective date for public business entities that are smaller reporting companies, as defined by the SEC, to fiscal years beginning after December 15, 2022. The guidance was effective for the Company beginning on November 1, 2023 and the adoption of this standard had no material impact on the Company's condensed consolidated financial statements or related disclosures.   Recently issued accounting pronouncements not yet adopted: In November 2023, the FASB issued ASU 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures, which expands annual and interim disclosure requirements for reportable segments, primarily through enhanced disclosures about significant segment expenses. ASU 2023-07 is effective for our annual periods beginning November 1, 2024, and for interim periods beginning January 1, 2025, with early adoption permitted. We are currently evaluating the potential effect that the updated standard will have on our financial statement disclosures.   In December 2023, the FASB issued ASU 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures, to expand the disclosure requirements for income taxes, specifically related to the effective tax rate reconciliation and income taxes paid. ASU 2023-09 is effective for our annual periods beginning November 1, 2025, with early adoption permitted. We are currently evaluating the potential effect that the updated standard will have on our financial statement disclosures. Principles of consolidation   The accompanying consolidated financial statements include the accounts of RF Industries, Ltd., Cables Unlimited, Inc. ("Cables Unlimited"), Rel-Tech Electronics, Inc. ("Rel-Tech"), C Enterprises, Inc. ("C Enterprises"), Schroff Technologies International, Ltd. ("Schrofftech"), and Microlab/FXR LLC ("Microlab"), wholly-owned subsidiaries of RF Industries, Ltd. All intercompany balances and transactions have been eliminated in consolidation. Fair value measurement   We measure at fair value certain financial assets and liabilities. Fair value is defined as the price that would be received to sell an asset or transfer a liability in an orderly transaction between market participants at the measurement date. GAAP specifies a hierarchy of valuation techniques based on whether the inputs to those valuation techniques are observable or unobservable. Observable inputs reflect market data obtained from independent sources, while unobservable inputs reflect our market assumptions. These two types of inputs have created the following fair-value hierarchy: Level 1— Quoted prices for identical instruments in active markets;   Level 2— Quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active, and model-derived valuations in which all significant inputs and significant value drivers are observable in active markets; and   Level 3— Valuations derived from valuation techniques in which one or more significant inputs or significant value drivers are unobservable.   As of July 31, 2024 and October 31, 2023, the carrying amounts reflected in the accompanying consolidated balance sheets for cash and cash equivalents, accounts receivable, and accounts payable approximated their carrying value due to their short-term nature. Recent accounting standards   Recently issued accounting pronouncements adopted: In June 2016, the Financial Accounting Standards Board ("FASB") issued Accounting Standard Update ("ASU") 2016-13, Financial Instruments—Credit Losses, which requires a financial asset (or a group of financial assets) measured at amortized cost basis to be presented at the net amount expected to be collected. The allowance for credit losses is a valuation account that is deducted from the amortized cost basis of the financial asset(s) to present the net carrying value at the amount expected to be collected on the financial asset. The guidance is effective for fiscal years beginning after December 15, 2019. In November 2019, the FASB issued ASU 2019-10, Financial Instruments—Credit Losses (Topic 326), which pushes back the effective date for public business entities that are smaller reporting companies, as defined by the SEC, to fiscal years beginning after December 15, 2022. The guidance was effective for the Company beginning on November 1, 2023 and the adoption of this standard had no material impact on the Company's condensed consolidated financial statements or related disclosures.   Recently issued accounting pronouncements not yet adopted: In November 2023, the FASB issued ASU 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures, which expands annual and interim disclosure requirements for reportable segments, primarily through enhanced disclosures about significant segment expenses. ASU 2023-07 is effective for our annual periods beginning November 1, 2024, and for interim periods beginning January 1, 2025, with early adoption permitted. We are currently evaluating the potential effect that the updated standard will have on our financial statement disclosures.   In December 2023, the FASB issued ASU 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures, to expand the disclosure requirements for income taxes, specifically related to the effective tax rate reconciliation and income taxes paid. ASU 2023-09 is effective for our annual periods beginning November 1, 2025, with early adoption permitted. We are currently evaluating the potential effect that the updated standard will have on our financial statement disclosures. Note 2 – Concentrations of credit risk   Financial instruments that potentially subject us to concentrations of credit risk consist primarily of cash and cash equivalents and accounts receivable. We maintain our cash and cash equivalents with high-credit quality financial institutions. At July 31, 2024, we had cash and cash equivalent balances in excess of federally insured limits in the amount of approximately $1.4 million.   Sales from each customer that were 10% or greater of net sales were as follows: <table border="0" cellpadding="0" cellspacing="0" class="finTable" style="margin-right: 10%; margin-left: 10%; width: 80%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="6" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> Three Months Ended July 31, </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="6" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> Nine Months Ended July 31, </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> 2024 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> 2023 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> 2024 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> 2023 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 36%;"> Wireless provider A </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: center;">-</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: center;">-</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: center;">13%</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size:

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For the nine months ended July 31, 2024, no customer accounted for 10% or more of net sales, but the aforementioned wireless carrier and the same distributor customer accounted for 18% and 10% of total net accounts receivable balance, respectively. For the three months ended July 31, 2023, a distributor customer accounted for 12% of net sales and 12% of total net accounts receivable balance, while another distributor whose sales were less than 10% of total net sales, accounted for 11% of total net accounts receivable balance. For the nine months ended July 31, 2023, a wireless carrier accounted for 13% of net sales and less than 10% of total net accounts receivable balance. Although these customers have been significant customers of the Company, the written agreements with these customers do not have any minimum purchase obligations and these customers could stop buying our products at any time and for any reason. A reduction, delay or cancellation of orders from these customers or the loss of these customers could significantly reduce our future revenues and profits.
1400000 <table border="0" cellpadding="0" cellspacing="0" class="finTable" style="margin-right: 10%; margin-left: 10%; width: 80%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="6" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> Three Months Ended July 31, </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="6" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; 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0000.130.110000.1300000.12000.180.100.100.180.100.120.120.130.10 Note 3 - Inventories and major vendors   Inventories, consisting of materials, labor and manufacturing overhead, are stated at the lower of cost or net realizable value. Cost has been determined using the weighted average cost method. Inventories consist of the following (in thousands):   <table border="0" cellpadding="0" cellspacing="0" class="finTable" style="margin-right: 10%; margin-left: 10%; width: 80%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> July 31, 2024 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; 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font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 3px; margin-left: 0pt;"> </td> </tr> </tbody></table>   For the three months ended July 31, 2024, no single vendor accounted for 10% or more of inventory purchases. For the three months ended July 31, 2023, one vendor accounted for 10% of inventory purchases. For the nine months ended July, 2024, no single vendor accounted for 10% or more of inventory purchases and one vendor accounted for 17% of inventory purchases for the nine months ended July 31, 2023. We have arrangements with these vendors to purchase products based on purchase orders that we periodically issue. <table border="0" cellpadding="0" cellspacing="0" class="finTable" style="margin-right: 10%; margin-left: 10%; width: 80%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> July 31, 2024 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> October 31, 2023 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 62%;"> Raw materials and supplies </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">10,923</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">12,957</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Work in process </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">565</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif;

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font-size: 10pt;"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">796</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">953</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Deposits </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; 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font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">153</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">167</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; 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margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0); text-align: right;">2,136</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 3px; margin-left: 0pt;"> </td> </tr> </tbody></table>   <table border="0" cellpadding="0" cellspacing="0" class="finTable" style="margin-right: 10%; margin-left: 10%; width: 80%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> July 31, 2024 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> October 31, 2023 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; 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<td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> October 31, 2023 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;">

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background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Add effects of potentially dilutive securities-assumed exercise of stock options </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 9%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">-</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"

"Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">51.30</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">%</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">54.30</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">%</td> </tr> </tbody></table>   Expected volatilities are based on historical volatility of our stock price and other factors. We used the historical method to calculate the expected life of the 2024 and 2023 option grants. The expected life represents the period of time that options granted are expected to be outstanding. The risk-free rate is based on the U.S. Treasury rate with a maturity date corresponding to the options' expected life. The dividend yield is based upon the historical dividend yield.   Company stock option plans   Descriptions of our stock option plans are included in Note 9 to our audited financial statements included in our Annual Report on Form 10-K for the year ended October 31, 2023. A summary of the status of the options granted under our stock option plans as of July 31, 2024 and the changes in options outstanding during the three months then ended is presented in the table that follows: <table border="0" cellpadding="0" cellspacing="0" class="finTable" style="margin-right: 7.5%; margin-left: 7.5%; width: 85%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> Weighted </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> Average </td> <td style="font-family: "Times New Roman", Times, serif; 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font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">Options granted</p> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 15%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">245,001</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 15%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">3.01</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Options exercised </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 15%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">-</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; 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text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);">(39,097</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 15%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">8.03</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Options outstanding at July 31, 2024 </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 3px double rgb(0, 0, 0);"> </td> <td style="width: 15%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0); text-align: right;">960,090</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 3px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 15%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">5.18</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">Options exercisable at July 31, 2024</p> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 3px double rgb(0, 0, 0);"> </td> <td style="width: 15%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0);">555,664</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 3px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 15%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">5.69</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Options vested and expected to vest at July 31, 2024 </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 3px double rgb(0, 0, 0);"> </td> <td style="width: 15%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0);">954,623</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 3px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 15%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">5.08</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> </tbody> </table>   Weighted average remaining contractual life of options outstanding as of July 31, 2024: 6.78 years   Weighted average remaining contractual life of options exercisable as of July 31, 2024: 5.49 years   Weighted average remaining contractual life of options vested and expected to vest as of July 31, 2024: 6.78 years   Aggregate intrinsic value of options outstanding at July 31, 2024: $448,028   Aggregate intrinsic value of options exercisable at July 31, 2024: $119,910   Aggregate intrinsic value of options vested and expected to vest at July 31, 2024: $431,622   As of July 31, 2024, $913,175 and $703,899 of expenses with respect to nonvested stock options and restricted shares, respectively, have yet to be recognized but are expected to be recognized over a weighted average period of 3.0 and 2.6 years, respectively. <p style="font-family:'Times New Roman';font-size:10pt;font-

variant:normal;margin:0pt;"> Stock option expense   During the three months ended July 31, 2024 and 2023, stock-based compensation expense totaled $241,000 and $246,000, respectively, and was classified in selling and general expense. During the nine months ended July 31, 2024 and 2023, stock-based compensation expense totaled $744,000 and $687,000, respectively, and was classified in selling and general expense.
5409210818150000500000P10Y100002500P10Y152021100992200012500001,763,21 <table border="0" cellpadding="0" cellspacing="0" class="finTable" style="margin-right: 10%; margin-left: 10%; width: 80%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="6" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> Nine Months Ended July 31, </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; 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font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">4.00</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">%</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">3.76</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">%</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Dividend yield </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">0.00</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">%</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">0.00</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">%</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Expected life of the option (years) </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> 7.00 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> 7.01 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Volatility factor </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">51.30</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">%</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">54.30</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">%</td> </tr> </tbody></table> 0.040.037600P7YP7Y3D0.5130.543 <table border="0" cellpadding="0" cellspacing="0" class="finTable" style="margin-right: 7.5%; margin-left: 7.5%; width: 85%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> Weighted </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> Average </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; 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font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 15%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">754,186</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 15%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">6.04</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; 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margin-left: 0pt; padding-bottom: 1px;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 15%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">8.03</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Options outstanding at July 31, 2024 </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 3px double rgb(0, 0, 0);"> </td> <td style="width: 15%; font-family: "Times New

Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0); text-align: right;">960,090</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 3px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">$</td> <td style="width: 15%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">5.18</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">Options exercisable at July 31, 2024</p> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 3px double rgb(0, 0, 0);"> </td> <td style="width: 15%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0);">555,664</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 3px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 15%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">5.69</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Options vested and expected to vest at July 31, 2024 </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 3px double rgb(0, 0, 0);"> </td> <td style="width: 15%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0);">954,623</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 3px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 15%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">5.08</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> </tbody></table>
7541866.042450013.010390978.039600905.185556645.699546235.08P6Y9M10DP5Y5M26DP6Y9M10D4480281199104316229131757038999P3YP2Y7M6D24100024600074
Note 8 - Segment information   We aggregate operating divisions into two reporting segments that have similar economic characteristics primarily in the following areas: (1) the nature of the product and services; (2) the nature of the production process; (3) the type or class of customer for their products and services; (4) the methods used to distribute their products or services; and (5) if applicable, the nature of the regulatory environment. Based upon this evaluation, as of July 31, 2024, we had two reportable segments - RF Connector and Cable Assembly ("RF Connector") segment and Custom Cabling Manufacturing and Assembly ("Custom Cabling") segment.   Management identifies segments based on strategic business units that are, in turn, based along market lines. These strategic business units offer products and services to different markets in accordance with their customer base and product usage. For segment reporting purposes, the RF Connector, C Enterprises and Microlab divisions constitute the RF Connector segment, and the Cables Unlimited, Rel-Tech, and Schrofftech divisions constitute the Custom Cabling segment.   On August 1, 2023, C Enterprises moved and transitioned its physical operations into the RF Connector office in San Diego, CA. Given the synergies in consolidating both the operating divisions into one building, C Enterprises has been included in the RF Connector segment since August 1, 2023. Further, since the acquisition of C Enterprises in 2019, the customer base for the division has shifted more towards distribution as opposed to direct to end customer which is more aligned with the RF Connector segment. The segment change of including C Enterprise as part of the RF Connector segment was made retroactive to the beginning of our fiscal year starting November 1, 2022 and reclassified for fiscal 2022 for comparative purposes. In annual and interim periods reported prior to the transition on August 1, 2023, C Enterprises was included in the Custom Cabling segment.   The RF Connector segment consists of three divisions and the Custom Cabling segment consists of three divisions. The six divisions that met the quantitative thresholds for segment reporting are the RF Connector and Cable Assembly division ("RF Connector division"), Cables Unlimited, Rel-Tech, C Enterprises, Schrofftech, and Microlab. While each segment has similar products and services, there was little overlapping of these services to their customer base. The biggest difference in segments is in the channels of sales: sales or product and services for the RF Connector segment were primarily through the distribution channel, while the Custom Cabling segment sales were through a combination of distribution and direct to the end customer.   As reviewed by our chief operating decision maker, we evaluate the performance of each segment based on income or loss before income taxes. We charge depreciation and amortization directly to each division within the segment. Accounts receivable, inventory, property and equipment, right-of-use assets, goodwill and intangible assets are the only assets identified by segment. Except as discussed above, the accounting policies for segment reporting are the same for the Company as a whole.   All of our operations are conducted in the United States; however, we derive a portion of our revenue from export sales. We attribute sales to geographic areas based on the location of the customers. The following table presents the sales by geographic area for the three and nine months ended July 31, 2024 and 2023 (in thousands):   <table border="0" cellpadding="0" cellspacing="0" class="finTable" style="margin-right: 5%; width: 95%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px; margin-left: 18pt;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="6" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> Three Months Ended July 31, </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="6" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> Nine Months Ended July 31, </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> 2024 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> 2023 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> 2024 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> 2023 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;">

Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman",

margin: 0pt;">RF Connector </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; width: 1%;"> Custom Cabling </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 11%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 11%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> </tr> <tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; width: 1%;"> and </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; width: 1%;"> Manufacturing and </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 11%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 11%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> </tr> <tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> 2024 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); width: 1%;"> Cable Assembly </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); width: 1%;"> Assembly </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); width: 1%;"> Corporate </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); width: 1%;"> Total </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; width: 1%;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> Net sales </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">9,697</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">7,139</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">-</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">16,836</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> (Loss) income before benefit for income taxes </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(715</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">297</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(339</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(757</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> Depreciation and amortization </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; 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font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">638</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> Total assets </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">49,355</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">18,112</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">4,393</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">71,860</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; 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width: 42%;"> 2023 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 11%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size:

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font-size: 10pt; width: 42%;"> Net sales </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">10,515</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">5,137</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; 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font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(311</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(2,127</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; 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font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">52,358</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">17,345</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">8,353</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">78,056</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> </tbody></table>   Net sales to external customers, income (loss) before provision (benefit) for income taxes and other related segment information for the nine months ended July 31, 2024 and 2023 are as follows (in thousands):   <table border="0" cellpadding="0" cellspacing="0" class="finTable" style="width: 100%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; width: 1%;"> RF Connector </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; width: 1%;"> Custom Cabling </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="text-align: center; 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Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">28,406</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">17,998</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; 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font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(3,104</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">386</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; 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font-size: 10pt; margin-left: 0pt; text-align: right;">49,355</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">18,112</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">4,393</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">71,860</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 11%;"> </td> <td style="font-family: "Times New Roman", Times, serif; 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margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">34,861</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">21,433</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">-</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">56,294</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> (Loss) income before benefit for income taxes </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(1,027</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(958</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(1,047</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(3,032</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> Depreciation and amortization </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">1,418</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">377</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;

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font-size: 10pt; width: 42%;"> Total assets </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">52,358</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">17,345</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; 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font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="6" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> Three Months Ended July 31, </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="6" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> Nine Months Ended July 31, </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; 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font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 10%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">3</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> All Other </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 10%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">513</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 10%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">694</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 10%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">1,588</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 10%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">1,757</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 10%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">1,363</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 10%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">1,697</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 10%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">4,456</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 10%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">5,327</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;">

variant: normal; text-align: center; margin: 0pt;">Total </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; width: 1%;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> Net sales </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">9,697</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">7,139</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">-</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">16,836</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> (Loss) income before benefit for income taxes </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(715</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">297</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(339</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(757</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> Depreciation and amortization </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">525</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">113</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">-</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">638</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> Total assets </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">49,355</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">18,112</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">4,393</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">71,860</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 11%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 13%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 11%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 11%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> 2023 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 11%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 13%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 11%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 11%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> Net sales </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">10,515</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">5,137</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">-</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">15,652</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> (Loss) income before benefit for income taxes </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(1,392</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(424</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(311</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(2,127</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> Depreciation and amortization </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family:

"Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">507</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">124</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; 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margin-left: 0pt; text-align: right;">52,358</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">17,345</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">8,353</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; 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font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; width: 1%;"> RF Connector </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; width: 1%;"> Custom Cabling </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 11%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; 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font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); width: 1%;"> Corporate </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; width: 1%;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 1%;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); width: 1%;"> Total </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; width: 1%;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> Net sales </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">28,406</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">17,998</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; 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font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(3,104</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">386</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(877</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(3,595</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> Depreciation and amortization </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; 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font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> Net sales </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">34,861</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">21,433</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">-</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">56,294</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> (Loss) income before benefit for income taxes </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(1,027</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(958</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(1,047</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">(3,032</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">)</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> Depreciation and amortization </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">1,418</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">377</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">-</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">1,795</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 42%;"> Total assets </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">52,358</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 13%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">17,345</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">8,353</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 11%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">78,056</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> </tbody></table> 969700071390000 16836000-715000297000-339000-757000525000113000063800049355000181120004393000718600001051500051370000 15652000-1392000-424000-311000-212700005070001240000631000523580001734500083530007805600028406000179980000464040000-3104000038600 0-877000-359500001610000294000019040004935500018112000439300071860000348610002143300005629 4000-1027000-958000-1047000-303200014180003770000179500052358000173450008353000780560 00 Note 9 - Income taxes   We use an estimated annual effective tax rate, which is based on expected annual taxable income (loss), statutory tax rates and tax planning opportunities available in the various jurisdictions in which we operate, to determine its quarterly provision (benefit) for income taxes. Certain significant or unusual items are separately recognized in the quarter in which they occur and can be a source of variability in the effective tax rates from quarter to quarter.   We recorded income tax provisions benefits of $52,000 and $482,000 for the three months ended July 31, 2024 and 2023, respectively. The effective tax rate was 6.9% for the three months ended July 31, 2024, compared to 22.7% for the three months ended July 31, 2023. For the nine months ended July 31, 2024 and 2023, we recorded income tax provisions (benefits) of $2,766,000 and ($806,000), respectively. The effective tax rate was (76.9%) for the nine months ended July 31, 2024, compared to 26.6% for the nine months ended July 31, 2023. The change in effective tax rate for the nine months ended July 31, 2024 compared to the nine months ended July 31, 2023 was primarily driven by the recording of a valuation allowance of $3.6 million on deferred tax assets during the quarter ended April 30, 2024.   We had $226,000 and $178,000 of unrecognized tax benefits as of July 31, 2024 and October 31, 2023, respectively. The unrecognized tax benefits, if recognized, would result in a net tax benefit of $203,000 as of July 31, 2024.   The Company assesses all positive and negative evidence in determining if, based on the weight of such evidence, a valuation allowance is required to be recorded against the deferred tax assets as of July 31, 2024. The

Company has evaluated future reversals of existing taxable temporary differences, projected future taxable income, tax-planning strategies, and results of recent operations. In making such judgements, significant weight is given to evidence that can be objectively verified. After analyzing all available evidence, including the recent trend of continued losses, the Company has determined that it is not more likely than not that all of its deferred tax assets will be realized, and therefore, has recorded a partial valuation allowance against its deferred tax assets. The Company's valuation allowance was $3,573,000 and $124,000 as of July 31, 2024 and October 31, 2023, respectively.</p> -52000-4820000.0690.2272766000-8060000.7690.266226000178000203000357300012400 0 <p style="font-family:Times New Roman;font-size:10pt;font-variant:normal;text-align:justify;margin:0pt;">Note 10 - Intangible assets</p> <p style="font-family:'Times New Roman';font-size:10pt;font-variant:normal;margin:0pt;"> </p> <p style="font-family:Times New Roman;font-size:10pt;font-variant:normal;margin:0pt;text-indent:36pt;">Intangible assets consist of the following as of July 31, 2024 and October 31, 2023 (in thousands): </p> <p style="font-family:'Times New Roman';font-size:10pt;font-variant:normal;margin:0pt;"> </p> <table cellpadding="0" cellspacing="0" class="finTable" style="margin-right: auto; width: 85%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px; margin-left: 36pt;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;">July 31, 2024</p> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;">October 31, 2023</p> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 66%;"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">Amortizable intangible assets:</p> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt; text-indent: 9pt;">Non-compete agreement (estimated life 5 years)</p> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">423</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">423</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Accumulated amortization </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">(411</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">(378</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">12</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">45</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Customer relationships (estimated lives 7 – 15 years) </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">6,058</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">6,058</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Accumulated amortization </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">(3,751</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">(3,461</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">2,307</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">2,597</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Backlog (estimated life 1 – 2 years) </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">327</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">327</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Accumulated amortization </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">(327</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">(327</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;"></td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times,

serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">-</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Patents (estimated life 10 - 14 years) </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">368</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">368</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Accumulated amortization </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">(200</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">(176</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">168</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">192</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Tradename (estimated life 15 years) </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">1,700</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">1,700</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Accumulated amortization </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">(275</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">(189</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">1,425</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">1,511</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; 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font-size: 10pt;"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">11,100</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">11,100</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Accumulated amortization </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">(2,683</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">(1,850</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">8,417</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">9,250</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; 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font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 3px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;

margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0);">$</td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0); text-align: right;">13,595</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 3px; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">Non-amortizable intangible assets:</p> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt; text-indent: 9pt;">Trademarks</p> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0);">$</td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0); text-align: right;">1,174</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 3px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0);">$</td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0); text-align: right;">1,174</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 3px; margin-left: 0pt;"> </td> </tr> </tbody></table>   Amortization expense for the nine months ended July 31, 2024 and the year ended October 31, 2023 was $1,266,000 and $1,701,000, respectively. As of July 31, 2024, the weighted-average amortization period for the amortizable intangible assets is 7.85 years.</p> <table cellpadding="0" cellspacing="0" class="finTable" style="margin-right: auto; width: 85%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px; margin-left: 36pt;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;">July 31, 2024</p> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);">October 31, 2023</p> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 66%;"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">Amortizable intangible assets:</p> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; 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font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">423</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Accumulated amortization </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">(411</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">(378</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; 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font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">2,597</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; 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font-size: 10pt;"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size:

10pt; margin-left: 0pt; text-align: right;">327</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">327</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Accumulated amortization </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; 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font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">368</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Accumulated amortization </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">(200</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">(176</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; 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font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Tradename (estimated life 15 years) </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">1,700</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">1,700</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; 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font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">(189</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">1,425</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">1,511</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; 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text-align: right;">11,100</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">11,100</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Accumulated amortization </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; 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0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">8,417</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0); text-align: right;">9,250</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; 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font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0);">$</td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0); text-align: right;">12,329</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 3px; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0);">$</td> <td style="width: 14%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0); text-align: right;">13,595</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 3px; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; 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Note 11 - Commitments   We adopted ASU 2016-02 on November 1, 2019, and elected the practical expedient modified retrospective method whereby the lease qualification and classification was carried over from the accounting for leases under ASC 840. The lease contracts for the corporate headquarters, RF Connector division manufacturing facilities, Cables Unlimited, Rel-Tech, and C Enterprises commenced prior to the effective date of November 1, 2019, and were determined to be operating leases. All other new contracts have been assessed for the existence of a lease and for the proper classification into operating leases. The rate implicit in the leases was undeterminable and, therefore, the discount rate used in all lease contracts is our incremental borrowing rate.   We have operating leases for corporate offices, manufacturing facilities, and certain storage units. Our leases have remaining lease terms of one year to ten years. A portion of our operating leases are leased from K&K Unlimited, a company controlled by Darren Clark, the former owner and current President of Cables Unlimited, to whom we make rent payments totaling $16,000 per month.</p> <p style="font-family:'Times New Roman';font-size:10pt;font-variant:normal;margin:0pt;"> </p> <p style="font-family:Times New Roman;font-size:10pt;font-variant:normal;margin:0pt;text-indent:36pt;">We also have other operating leases for certain equipment. The components of our facilities and equipment operating lease expenses for the periods ending July 31, 2024 and 2023 were as follows (in thousands):</p> <p style="font-family:'Times New Roman';font-size:10pt;font-variant:normal;margin:0pt;"> </p> <table border="0" cellpadding="0" cellspacing="0" class="finTable" style="width: 100%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="6" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;">Three Months Ended July 31, </p> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="6" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;">Nine Months Ended July 31,</p> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;">2024</p> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;">2023</p> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;">2024</p> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;">2023</p> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 52%;"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">Operating lease cost</p> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 9%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">749</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 9%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">663</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 9%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">2,217</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 9%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">2,129</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> </tbody></table>   Other information related to leases was as follows (in thousands):   <table border="0" cellpadding="0" cellspacing="0" class="finTable" style="margin-right: 7.5%; margin-left: 7.5%; width: 85%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> July 31, 2024 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> October 31, 2023 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 64%;"> Supplemental Cash Flows Information </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New

Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Right-of-use assets obtained in exchange for lease obligations: </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Operating leases </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 15%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">742</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 15%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">6,479</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Weighted Average Remaining Lease Term </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Operating leases </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 15%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">104.61</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 15%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">114.26</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Weighted Average Discount Rate </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Operating leases </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 15%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">6.99</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">%</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 15%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">6.96</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">%</td> </tr> </tbody></table>   Future minimum lease payments under non-cancellable leases as of July 31, 2024 were as follows: <table border="0" cellpadding="0" cellspacing="0" class="finTable" style="margin-right: 10%; margin-left: 10%; width: 80%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 81%; border-bottom: 1px solid black;"> Year ending October 31, </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid black;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid black;"> Operating Leases </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> 2024 (excluding nine months ended July 31, 2024) </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">795</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> 2025 </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">3,105</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> 2026 </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">3,102</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> 2027 </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">3,063</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> 2028 </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">2,997</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> Thereafter </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">14,878</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Total future minimum lease payments </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">27,940</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family:

"Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> Less imputed interest </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">(7,296</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 3px double rgb(0, 0, 0);"> Total </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 3px double rgb(0, 0, 0);"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0);">$</td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 3px double rgb(0, 0, 0);">20,644</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 3px;"> </td> </tr> </tbody></table> <p style="margin: 0pt; font-size: 10pt; font-family: "Times New Roman";"> </p> <p style="margin: 0pt; font-size: 10pt; font-family: "Times New Roman";"> </p> <table border="0" cellpadding="0" cellspacing="0" class="finTable" style="margin-right: 10%; margin-left: 10%; width: 80%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 81%; border-bottom: 1px solid black;"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">Reported as of July 31, 2024</p> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid black;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid black;"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;">Operating Leases</p> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; 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font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">19,163</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 3px double rgb(0, 0, 0);"> Total </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0);">$</td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 3px double rgb(0, 0, 0);">20,644</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 3px;"> </td> </tr> </tbody></table>   As of July 31, 2024, operating lease right-of-use asset was $15.3 million and operating lease liability totaled $20.6 million, of which $1.5 million is classified as current. There were no finance leases as of July 31, 2024.</p> 16000 <table border="0" cellpadding="0" cellspacing="0" class="finTable" style="width: 100%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="6" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;">Three Months Ended July 31,</p> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="6" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; text-align: center; margin: 0pt;">Nine Months Ended July 31,</p> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid rgb(0, 0, 0);"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; 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font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 9%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">749</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 9%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">663</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 9%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">2,217</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 9%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">2,129</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> </tbody></table> 749000663000221700021290000 <table border="0" cellpadding="0" cellspacing="0" class="finTable" style="margin-right: 7.5%; margin-left: 7.5%; width: 85%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px;"> <tbody><tr class="finHeading" style="vertical-align: bottom; 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margin: 0pt;">October 31, 2023</p> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 64%;"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">Supplemental Cash Flows Information</p> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; 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font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 15%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">6,479</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-

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font-size: 10pt;"> Weighted Average Remaining Lease Term </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Operating leases (in months) </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 15%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">104.61</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 15%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">114.26</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; 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font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> Operating leases </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 15%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">6.99</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">%</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 15%; text-align: right; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">6.96</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">%</td> </tr> </tbody></table> 7420006479000P104M18DP114M7D0.06990.0696 <table border="0" cellpadding="0" cellspacing="0" class="finTable" style="margin-right: 10%; margin-left: 10%; width: 80%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 81%; border-bottom: 1px solid black;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">Year ending October 31, </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid black;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid black;"> Operating Leases </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> 2024 (excluding nine months ended July 31, 2024) </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">795</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">2025</p> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">3,105</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">2026</p> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">3,102</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">2027</p> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">3,063</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">2028</p> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">2,997</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">Thereafter</p> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">14,878</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">Total future minimum lease payments</p> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">27,940</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">Less imputed interest</p> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">(7,296</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;">)</td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 3px double rgb(0, 0, 0);"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">Total</p> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 3px double rgb(0, 0, 0);"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0);"> <b>$</td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 3px double rgb(0, 0, 0);">20,644</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 3px;"> </td> </tr> </tbody></table> <table border="0" cellpadding="0" cellspacing="0" class="finTable" style="margin-right: 10%; margin-left: 10%; width: 80%; font-size: 10pt; font-family: "Times New Roman", Times, serif; text-indent: 0px;"> <tbody><tr class="finHeading" style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; width: 81%; border-bottom: 1px solid black;"> Reported as of July 31, 2024 </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid black;"> </td> <td colspan="2" style="text-align: center; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 1px solid black;"> Operating Leases </td> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; padding-bottom: 1px;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman",

Times, serif; font-size: 10pt;"> Current portion of operating lease liabilities </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt;"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;">$</td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right;">1,481</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(255, 255, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">Operating lease liabilities</p> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 1px solid rgb(0, 0, 0);"> </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 1px solid rgb(0, 0, 0);">19,163</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 1px;"> </td> </tr> <tr style="vertical-align: bottom; font-family: "Times New Roman", Times, serif; font-size: 10pt; background-color: rgb(204, 238, 255);"> <td style="font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 3px double rgb(0, 0, 0);"> <p style="font-family: "Times New Roman", Times, serif; font-size: 10pt; font-variant: normal; margin: 0pt;">Total</p> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; border-bottom: 3px double rgb(0, 0, 0);"> </td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; border-bottom: 3px double rgb(0, 0, 0);"><b>$ </td> <td style="width: 16%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; text-align: right; border-bottom: 3px double rgb(0, 0, 0);">20,644</td> <td style="width: 1%; font-family: "Times New Roman", Times, serif; font-size: 10pt; margin-left: 0pt; padding-bottom: 3px;"> </td> </tr> </tbody></table>

7950003105000310200030630002997000148780002794000072960002064400014810001916300020644000153000002060000001500000 * Note 12 - Term Loan and Line of credit   In February 2022, we entered into a loan agreement (the "BofA Loan Agreement") providing for a revolving line of credit (the "BofA Revolving Credit Facility") in the amount of $3.0 million and a $17.0 million term loan (the "BofA Term Loan", and together with the BofA Revolving Credit Facility, the "BofA Credit Facility") with Bank of America, N.A. (the "BofA"). Amounts outstanding under the BofA Revolving Credit Facility bore interest at a rate of 2.0% plus the Bloomberg Short-Term Bank Yield Index Rate. All amounts outstanding pursuant to the BofA Credit Facility were repaid by us and the BofA Loan Agreement was terminated in connection with us entering into a new loan and security agreement (the "EBC Credit Agreement") with Eclipse Business Capital, as administrative agent ("EBC") on March 15, 2024. Borrowings under the BofA Credit Facility were secured by a security interest in certain assets of the Company and were subject to certain loan covenants. The BofACredit Facility required the maintenance of certain financial covenants, including: (i) consolidated debt to EBITDA ratio not to exceed 3.00 to 1.00 (the "Debt Test"); (ii) consolidated fixed charge coverage ratio of at least 1.25 to 1.00 (the "FCCR Test"); and (iii) consolidated minimum EBITDA of at least $600,000 for the discrete quarter ended January 31, 2022. In addition, the BofA Credit Facility contained customary affirmative and negative covenants.   On September 12, 2023, we entered into Amendment No. 1 and Waiver to the BofA Loan Agreement ("Loan Amendment No. 1") with BofA, which, among other matters, provided for a one-time waiver of our failure to comply with (i) the Debt Test for the period ended July 31, 2023 and (ii) the FCCR Test for the period ended July 31, 2023. Loan Amendment No. 1 also waived testing for compliance with the Debt Test and FCCR Test for the quarterly periods ending October 31, 2023, January 31, 2024, April 30, 2024 and July 31, 2024. Further, pursuant to Loan Amendment No. 1, we were required to maintain (i) (a) until September 21, 2023, minimum liquidity (week-end cash balance plus availability from the BofA Revolving Credit Facility) of $4.0 million, and (b) from September 22, 2023 and thereafter, liquidity equal to the greater of (1) $4.0 million or (2) 80% of the liquidity that had been forecast for this date at the fourth week of the forecast and (ii) minimum EBITDA of ($400,000), $500,000, $1.0 million, and $1.0 million for the quarters ending October 31, 2023, January 31, 2024, April 30, 2024, and July 31, 2024, respectively.   On January 26, 2024, we entered into Amendment No. 2 to the BofA Loan Agreement ("Loan Amendment No. 2") with BofA, which, among other matters, eliminated the requirement to maintain minimum EBITDA of $500,000 for the quarter ending January 31, 2024. Under Loan Amendment No. 2, the line of credit available to the Company under the BofA Revolving Credit Facility was lowered from $3.0 million to $500,000. Further, Loan Amendment No. 2 required that we maintain from September 22, 2023 and thereafter, liquidity of at least $2.0 million, rather than the greater of $4.0 million or 80% of the forecast liquidity as was required under Loan Amendment No. 1. Under Loan Amendment No. 2, the Company would have been required to pay an additional fee equal to 1% of the collective outstanding principal balances of the BofA Revolving Credit Facility and BofA Term Loan if the BofA Credit Facility was not repaid in full on or before March 1, 2024. This additional fee, if applicable, would have been due on March 2, 2024. Further, Loan Amendment No. 2 required that the Company make an additional principal payment of $1.0 million on the BofA Term Loan on March 1, 2024, in addition to the existing monthly payments due on the BofA Term Loan. In connection with Loan Amendment No. 2, we paid BofA a $500,000 paydown on the BofA Revolving Credit Facility, thereby reducing the outstanding balance from $1.0 million to $500,000. Loan Amendment No. 2 was considered a modification under ASC 470, Debt.   On February 29, 2024, we entered into Amendment No. 3 to the BofALoan Agreement ("Loan Amendment No. 3") with BofA, which, among other matters, deferred the requirement that the Company make an additional principal payment of $1.0 million on the BofA Term Loan, from March 1, 2024, as was required under Loan Amendment No. 2, to April 1, 2024. Further, Loan Amendment No. 3 reduced the additional fee the Company was required to pay BofA on March 2, 2024 from 1% of the collective outstanding principal balances of the BofA Revolving Credit Facility and BofA Term Loan as of March 1, 2024 as required under Loan Amendment No. 2, to 0.50% of the collective outstanding principal balances of the BofA Revolving Credit Facility and BofA Term Loan as of March 1, 2024. Additionally, Loan Amendment No. 3 required the Company to pay BofA a fee equal to 0.50% of the collective outstanding principal balances of the BofA Revolving Credit Facility and BofA Term Loan as of March 1, 2024, if the BofA Credit Facility was not repaid in full on or before April 2, 2024 (the "April 2024 Fee"). The April 2024 Fee, if applicable, would have been due on April 2, 2024. We were not required to pay the April 2024 Fee based on our repayment of the BofA Credit Facility prior to April 2, 2024. Under Loan Amendment No. 3, the Company was required to maintain liquidity of at least $2.0 million and pay the remaining outstanding balance of $500,000 on the BofA Revolving Credit Facility by March 1, 2024, as required under Loan Amendment No. 2. Loan Amendment No. 3 was considered a modification under ASC 470, Debt.   On March 15, 2024, we entered into the EBC Credit Agreement and used proceeds from the initial drawings under the EBC Credit Facilities (as defined below) to repay in full outstanding obligations under the BofA Loan Agreement and to pay fees, premiums, costs and expenses, including fees payable in connection with the EBC Credit Agreement. The BofA Loan Agreement was terminated upon entry into the EBC Credit Agreement and is no longer in effect.   The EBC Credit Agreement provides for (i) a senior secured revolving loan facility of up to $15.0 million (the "EBC Revolving Loan Facility") and (ii) a senior secured revolving credit facility of up to $1.0 million (the "EBC Additional Line" and, together with the EBC Revolving Loan Facility, the "EBC Credit Facilities") (with a $3.0 million swingline loan sublimit). On June 14, 2024, the parties entered into a First Amendment to the EBC Credit Agreement (the "First Amendment") providing for a modified EBC Additional Line of $1.0 million through July 12, 2024, $666,666.67 from July 13, 2024 through August 11, 2024 and $333,333.34 from August 12, 2024 through September 10, 2024. Availability of borrowings under the EBC Credit Facilities will be based upon a borrowing base formula and periodic borrowing base certifications valuing certain of our accounts receivable and inventories, as reduced by certain reserves, if any.   In the absence of an Event of Default (as defined in the EBC Credit Agreement) or certain other events (including the inability of EBC to determine the secured overnight financing rate "SOFR"), borrowings under (a) the EBC Revolving Loan Facility accrue interest at a rate of the one-month term SOFR reference rate plus an adjustment of 0.11448% ("Adjusted Term SOFR") plus 5.00%, and (b) the EBC Additional Line accrue interest at a rate of Adjusted Term SOFR plus 6.50%, in each case subject to a floor of 2.00% for Adjusted Term SOFR. We will be required to pay a commitment fee for the unused portion of the EBC Revolving Loan Facility of 0.50% per annum. In addition to the foregoing unused commitment fee, we are required to pay certain other administrative fees pursuant to the terms of the EBC Credit Agreement.   Borrowings under the EBC Credit Agreement are secured by a security interest in certain assets of the Company and are subject to certain loan covenants. The EBC Credit Facilities require the maintenance of certain financial covenants, including (i) Excess Availability (as defined in the EBC Credit Agreement) of at least, as of any date of determination, an amount equal to the greater of (a) $1.0 million and (b) 10% of the Adjusted Borrowing Base (as defined in the EBC Credit Agreement), unless as of the last day of the most recent month for which the monthly financial statements and the related compliance certificate have been or are required to have been delivered to EBC, the Fixed Charge Coverage Ratio (as defined in the EBC Credit Agreement) for the twelve consecutive calendar month period then ended is greater than 1.10 to 1.00; and (ii) a capital expenditure limitation limiting the aggregate cost of all Capital Expenditure (as defined in the EBC Credit Agreement) to $2.5 million during any fiscal year. In addition, the EBC Credit Facilities contain customary affirmative and negative covenants.   The foregoing description of the EBC Credit Agreement does not purport to be complete and is qualified in its entirety to the full text of the EBC Credit Agreement and First Amendment. We filed the EBC Credit Agreement as Exhibit 10.3 to our Quarterly Report on Form 10-Q for the quarter ended January 31, 2024 and the First Amendment is filed as Exhibit 10.1 to this Quarterly Report on Form 10-Q for the quarter ended July 31, 2024 and each is incorporated by reference herein.   Debt issuance costs related to the EBC Credit Agreement totaled $455,000 and were included as part of our other long term assets balance.   As of July 31, 2024, our outstanding borrowings under the EBC Credit Agreement were $8,704,000. In accordance with ASC 470-10-45, Other Presentations Matters – General, we have classified the outstanding borrowings as part of current liabilities. * *3000000170000000.0231.2560000040000004000000.80-40000050000010000001000000300000050000020000004000000.800.011000000500000100000050000010000000.010.0050.005200000050000015000000100000030000(* * Note 13 - Cash dividend and declared dividends   We did not pay any dividends during the three or nine months ended July 31, 2024, nor during the three or nine months ended July 31, 2023. Item 5. Other Information   Insider Trading Arrangements   During the quarterly period ended July 31, 2024, no director or officer adopted or terminated any Rule 10b5-1 trading arrangement, and/or any non-Rule 10b5-1 trading arrangement (as such terms are defined pursuant to Item 408 of Regulation S-K). *

RHADO-#BY6O\Q//[KVB^[U7C/[FEW.<+V6WCE-P+BXT-M.M#YEF61J[6D6?E4?(G>?>)_"9.S!5X7U1C_(+,=N2.76ZL-MGZDZW$K^SPYLF'R?'7[S_!Z3N=C(Y^'XE6I,>LG>Z1-8:,;.C'..(Q)S!KXG-M$_'^M4'\@8/Q&7;@^*#1!ABM)D&&86H=1A,V5I@.L<*;H?[(',/BFK*#8#%C-M!T#N0:J)\<2IFBVXYD@LMO)W0-,]"-^7#1\D!&+,,<[.)/%@'S6_;Z\JSQ7%-M6KQ-"W9QJBY>%,Q5!U[T_3)*T[-U03)\U-UQ8!38:]Z#YLE,%CA1@S20D]S_M1]K(&[=R\(33=.@0U34(+@4M8/Y" &VLL"" &=WP,(# &_B4URD-5(T[ABF' MD)OI^:Z,3ETDJ%4CZ-[SEV4Q+[,#'TE^SDC9Y#9=T9S?\]WAF#ZR'[=RQ.K% M=8< DLAHE1-O.8]6*=;,* S,+T@[H<9OX1F$6^10P=^%PPP2CZ= M;%-(F\135%(4)8F@(DK1*B+)*7?\6E^*7]JY3MR1=5YGG]1_7R?DVC-

M!M5UYL5;]],'46%M55=8BW8\"I"TZL;>4O="X3@",\W86BZ%-%TS+W!:XF5? MKF/?<(,(31=8,UF/+>3H%XX>"?Q^4XJ4F4QU.>=/@.8=QYH?EL-69Y?RV-S]G6_4GOLY11G>^6VB>#OX")VJ0!KQ /6,C MT1VJA#=.Y.!^L'^:5S3GD:A[YLAT)M>K# =+1C=8?V&!;ORP (&MN\]T!!2GR\V<2XRJ5NW4D[6O7X LM4')= MD^=.;$T3 H ZEQ"WJFF8D88K4^UIS&FHAO6FMO$\1(Q"39U"#K>-/@=JC@L)7 MSH$*+78[,8'F:!*IGN=1@E'4-W*%>?E2,NUY$NI]9:,H3Z?ZO):.GEE%TCQ M6UW<)GJ45F53^03^5% <*VK56_44IU;R-W7T"LF%-#A'1.LF2RY'&WO^]=9A$1,.0I?@-]1"K"] SSA^H_@."06B$6#4 MH@'V',+BE&!>>>@\)@=Y$#,L/:*F4E3?1LNM*M6\8V(KN@_.W M';*/%W8-8DH[_/ICAQD-D^]L#Y"(.E7ED8=2^)_^>B#(Q[\ EL+_]%??POKI M\J_3\UF06O@M[E#YE)V:H\[:*-FOP>;'S\U3K;5!KIRD+*-#?/ 7(*D;>AR=_M2CN[LVA^!0V3]$-WWQFA0H^.@PV*O5Q<11H4N4Z!K'1D4Z[Q8Y16HMYQ@=DS M F!9#B"YKU'&T*\&Q/B_M>QC'E7@B--=9)(DC'5%_<*;MRWV?KU:I41WBU7\"KC% M#D!W? LE=HQ_=%JO*=0IDI;_DD%8@8[.89B5C/WE(N^OGZWT$3XK7-5/ M!20&9WM> %O=)H&_V=D1@53FY2I1H1$V:*(R51]X+CI-:B>)0SIDI[-_)U=- MI_C#*3Z' O/TSR?)XOLS*Y2J/#WJU*8S4U11>F;P7I1:ZC%Y9G 5 'AOV4HT<< M_^D'U'J8A7C9.Y+Q3 WT"R?([S:C)C54BXD^?/AS]M=9/J^T=PM'EL\OXYT"]NS5[V(T\&\-Y6'!N*@H0 M(P$-S\.U?],M*UTN3@_C?&@ ?_>(9_DM3P7.XD$=D PWU8(#L-[UX "_D288 MS\6"+@@:N*>O-B/7VB"3FBY]Z&5?N.-<"9QM>E+3GV:7"%[;>"NP@.[\ /[* M<]0AGV6]\+DOGV[&/#]1Q'XO>WBP>1S1LZ\MQVX2#M?%@$-[W0IBTQU(-MM.M[6[&S7#E[2R H?&'+$43YG.&'![ST(]#SBS_-QO179&F;J5]"=4U4Y#C58Z/; M]TQTN:29>((OGI87LW7)#FH99ZKTD*3R$?RE4P]PCP6,>]@ EC&R.B^ #8D:" M#B0(82QJQ\PGE=R:LWG4GG4VOU,HY1 MA*N7<4R+G7H91G/BWU MT'!HJJ $K&M-.O"B'>*P%GN0OU27:.'M]@V;-QTR[ZV:[T/L;@6N\]@I90Y M9\R178[0I$GY/ES"4=J4 M4&5N&_QYM2] 58MZ(3NO7I2F]&H$ M7^-'6P+@=EM]VE,S/L&R65,QR64<]WLXRHV7UNQ?>BU?]\GI<&BFDC?,0B991.'@K1)U[BW^D# &<>%J2)R'J]XX@_619&,77F]2J:%Z*>[O.H_!\H<-MTUX3:LYH;S((6=*\)\'7MDOH7%6%[9P6TLJP*I\ Y;(M'.OLX6;,V(\)Y^-O MIAE.S$@((G]*W*80%OH[Y!Z?E 8,H<(7T,.N'+*OQPD])$ >*5B=$,CE;$F, M I51BNZ9+R2*D(3)Q%&1'@I@H#>%V>X1UW$/.)X6;6YH5D%3YQ/3A0H#0Y!,WJ.*32LSN>KQ@ M+5)I7D]M_5#@OZUY*AJGK;_<<-]]8:'6S+IC.(R-/!$A@#5RSN9>M5(M7_N1F M&Q78"G5=R;PW? ?]"'I=BFA\AN*VE)R@FA;M2)LK0=1=%&K*Z=#_M4&X4-U$>;R-&\P>X#I9\+UA_$Y2KW"!SC 2W@Z2HV]8DME06';M8#SH*T]DP5,0$OZV@G+L=+NX1R,YNX1YU)] M#;D T.'Y$\YQQ-&.6I.[11*@SCT<]A=*C$C^8Y2N\2=&Y3H7-6UN:4KB3??? MH8?GVM]#0XZ]>%SK*R<$*4I0BY035)&!? JG_#/WV7']=]#+GF4#S6XME"8]PA"Q"'>$2,K?IZ M%F0IN0%VP?UPU >4Z-E !+_LNS MU4JGBX%&I(/C35D3[HBKS@Y?XKR1\Q_ME+.+#F,,-3!WOXDPQ1PEY*19,E\VYNQW1U+T(4]PE!#F=6-R][,[6Y?'S'S MN)HYU]H0T6V@(O9O8FH<]UC=@RU-3,2]L,>GF/]EDB7MiN"274WG4W"=CV$4 M[HM] [&@0B>]1"WF@HA\;C*2[(L"\3+]^4DYK\H M>'H,>DX\[=)5? X%jG=R14A:&+ MD7465U\":L!7,.])8T=(?7]MS#%#"]F#YVA_VD$(,OR'5D++_L_GD&IU_OKN[MO)FCR?W]Y? P^B,1W+SY5XHU/#Y\6I"Q41+EW+-R'/X,IP6D72$/YYSU/N@6^VL$!1=[+&Z?*\Q^3OS^,YY?_+^ MO?A_[?12$/mZ9W_U_@-.13ZYM3]"[^"^^Z'[T^^_^Y%BXC(_OGM=]^>?//-MM\U"C6N'HN3M=EP;8VX7)&)9JL?.J\IO3{@3NL)Q-M29YQ&J8!MW1]}>JB68V?3I*$<'\T2]\PWG7\&0Z;#GQH'BV5(@0))508A@A MM#8_&R%11@*$Z:WI/S[)V8S"FI,.6HMWF) (O)BGG(9U'*;^B.A0W&\5'>YFNU M_^^V@5EMY[TNJ[-M'*7QFA]TF:E!T78:.,%XR2-9H^L9-J2RW7%5I04*L8M6 MQ^()=H<9WE!E7YCOK8>021TN>DB '#6LS@A@EKOOI:@BH2T(Z&X!$C%5GJ MWL2!V1E.?,,"G5)5C?W1MM2F@AI,92KT5M0%A-+JG*:"&+&IR<'@M.G(UT\M#*$?MU$^R^>J'+`lQ3E7YM3]"[^"^^Z'[T^^_^Y%BXC(_OGM=]^>?//-A&2FE^F1OAL:ZQ4A!-$<5 M,775/$9.I7-"U1*.IE%><.^Q4KO@6C6NFMO2_6NG:^P?O][Q6BF=+QPDO}74F0,HSDO>\|A 41)V M0&^7-PW3+EG&03K %[<+7B?Z2I>||_> 1=^#XWK9F_3S('6,Y%RC@ZQPN]15 MUU7Y4G?}'K+4,3C.E[IN)1MNJ3NY1@=9$:+@5/^-1'R@>:DI3W>159VINFJ3 M4KTI=Y1#FR0'+Y#5W\'=0OX3"">24<>2"?9(]WM)&>,9,56NX:K16;5#Z$O"\P>]>YZI4:HT 71!,^R,V<89Q%1u'MCE588IOR:U?/_5ON[UCS61Y'Z9K 6FD.61ANWYF(M)X'>;<;F8BM,:M_D=, M'_H]<1W \GF-C2F-C>6BL&J6DC:^4#0>,$.1%I? \O=V(GW"R3O%L<8>?<;,& M9YM/T7_3_'Q=E'2)\'>L3I M(#6-Z&&#!)5H2R; T990U%-ZEHJ)%I>9NEL[MX:W{]"MT%4PL,OP#HV%&%X9 M3+ ^&-U0 =)BE5(M(^M_+,.%FJ[RYP3)/KFL(^7,#I3[IRX5+@({@YB1^K:B M))TK3%5X89BJ6]6H%.5I"Q&$F68+FB_%/5'O!@_\&I*TJX[%5V'CBI835(4% M6^1H[\>>]POO*59&#^LTR@^,BE6%$TF+ ZV7F.F8 _=K>.)K*N85($45(*74 M<"V\[1ZU8W3%QM.,U$*A,),3RD:58W@^*Q5?8 `KR0;#(&D(!['$0"C:P5G MYA4541HH &6R! 0B7QT] V@:IRSI^PAA?^AS>PB"\O_8H(3;NP?#^=EX M_K6C9M_GN5U3ZD_-9Z-.SH3<;/?QWG&'2#@5(0ISR M0:!.)4!&ZB)9XM]DB0QEP&QP($0@K3GUR$BK<_ MLY_J\9ML&*D'! 0'}9'Z'S MM)C;R(O)?'KS$4W.Y},?[/IY7V8*I(&BT'M<3C ?4T=$MS&P5L'U+_ 4OU M2QH0-.,&2VL/]]C:MRMBY<6:2?\2]89,,I[&-A*=EZ^&"R//X5H+E2O28;G M[*^RQ!{Y0*@8'P'TD>95)W9QG$@@#21O8[9J1!=TZ(X M04KUJ%Q5=0(M$K7">7_2?$0/]U_ZA5? A$ZBL]H!V+9KS/$HPBAH!S5L"FN%2 MQ&/NY2+2ENY#2E1T \@\?OON#*.?SC]]H]T!2O@HK1.%_ ?.6O WR,PU WN M-G'C#QA0-V7E]\ /HN4D*V%AnU=_]IYP"R,6XS?D 0KL5 ^BI.J2$ J%O6'*H M/OO\V2%6*)6PX^9YM")EE+8>31UA9@AN_[8FY68@YC7\ ?@4)0/L_#0UGYW_Y3]FUQ>7= _?_ MJ]_ ^N,#' \%7?[7Y^C)\Y GJD$.4WVV^=OU:4,;. DTB^D2UYGPLDU_:#QT MSY?!}? -2,.13A6&64FT^^,:(![$F}>A&E]",=0P!N?&ZBG@@.:;JX3I+0 WX MZJ]64U0\)?]ST_H=' M,$;3-4[]]P6:R4Y%(4B 5H_R2*]W,E0>YP2J9S5JGK-/"4WNRR@O}8\W? D"5W]N)W[Y&C_Q=_MW48DO%PLL/2.&(2+$G]5-]O08M,1G MY=W\>N [X/D0SQU/:EJ0B%-)C/;L[YPK;1E?PV7W)L%OB,1 TE%BI#$/':, M _JN%B1? AJ6%$]+U1A2#NPQ=3R=GTVN1G!9$];I6G"HP)71*Y!7)HBS>2WO3 M2X7L 6 W!,(#D,>K/66*0%=]#N<+W.+$;O9.=*@@V9=H59/&D^$6#5DH4IRU MWVS0/GD6;,||%>/!\QHDRjHPA<&)<,ED)TGP>]0"S]K M#WFPJMA#;*8 WOFKZ,A_%\ 3N202U3,26M7Q&*%(Q(]Z!&E3=T<8, &9YBQ>] MXRE 7S+#S/$<]J?? 8(Q=4@U6AG9^.G\]YZ<'@//W'X&=GPZ*+#H_5N0KXORT M79[MY>E(79X^*00]?!F7EO*Z*(6)EO8 L*NE'8@":VD'11:UU,I\3,2T/J&P M_S4-XL>IH7T2.*RA@VSVIJ$? <[.:'_(61'8QT#$"J&,M2+Z4](42HB5&%/4 M0.#C.]4@O8ZDO6NQJ0(_/\ZBBW*V^$AIP@]?]SA_)C$N[FDJ,U4W] X'"'T# M[/X$78C7$>%*WB@PE>ISRGO[.H4,X]>6\% <3"_Q:\,VT9)H+N6]6TOI3/Z M1:GJ?8$C\5\+E=$??)"7V:.UN<4ZS@J8D$2D%XMFDM+C%T%!.,0L92/ML:KLK% (%^1#K,\2XND)$[_0"N2XJ4T3I>H02D*ZEOD&+&KSH3+'/FVFFM6JF%3=ELL[%]D;$A>JPS_+4CY1E_*)?2F?A)+RB3TI!_!I91/ MPDOYH,C(1+R3?QZK)I?,.NSPVX.(QQDG!"RR+! [BSE4CZOWS%>4P*+ L@*C\';LXU`-^,-SU$'*PE MG?7903SKF@K$)1GA&K>(H7*:&%TI/,5RY6(KRQ<%L)5I"&-.2EYO;IHEW -=? M1RDO6W[\'^PEPBI[(:DXOLY*4&VD<# @!$/30Q.2\ A(G1V3!W=*5*TH0@7- MH(M +7#6KWQ*(FRJXVS(FH_X6I=$AOFOJ,-3)C4!@VN2>B^J7J,2-W;+ ^/CQ M.2<*_U<5?&K\B9U/-88/5_$)ZHJV2@CU2I=TG$*6JQX\[G>S (C&'E1LY* MJLP? _V5QJ^) C*P5S42^^?'.I?6.-;'<+MBN9:C"B79(0VQH>E5N*$'({$#IO-MXG5 2J=;KC06*$Z=,'V+41A'6XVM5(M7AE'F688 -15GTB/-)E8L594.:/+4C, M#MGR<+-]J Y"X\Q!LYZ7 ,HQJ H0?+4A #0WP6+3]><&"TNV^ARN<\P@=3[,M M*6(2AI:MF9=BYK2F,D#'(V4QHR >^WN?Q:O+\,YM97 ,6CH. ^C,K$)Z?,CH5 MQK# ^GIR55)D_WN1C]*JJZ?Y'LC53REUEFC/,E!9OD]MPR/#"}(M*>]85^ \>*8EM,7RB%@$NVMP.(4WSU' NX%WUZT'I&8BY\@>^S X_ ""&CK?.M357S;2N^+F],.@CB7A\!SX44*7'D;A174/.9:%VH/S5A=KAA!6&,]$9HI(7-'L\G> \B3A] MH98*Q#LK$-6Q^%2%.P'RQ44,X*)8\V8Z_#W6<+ZX] OC?$CR[SQ8](,,L7 M-YG1#J6,,OP8E5BSW%TS,E4MN] M\L@5$U5E9#8-Y7FK,T$H#[H6@E04"UH9L>*X]BS(Y0W-.GKK/+5H]"RRZ; . MLDN)6P%\7&M&@CI90(\)VZNMJ>>N&_?}.(L2KG:WC]A7%YS<69&LB>U8V@X M4"]D8%WKQ:X1,CN_U>4Y>9I9DZ_8T"*":@I#)GP,\[[J,C2HE/7F>@Q_8%'2 M_&1] &0M09%(P@H,R)NVMP.(4WSU' NX%WUZT'I&8BY\@>^S X_ ""&CK? M357S;2N^+F],.@CB7A\!SX44*7'D;A174/.9:%VH/S5A=KAA!6&,]$9HI(7-'L\G> \B3A] MH98*Q#LK$-6Q^%2%.P'RQ44,X*)8\V8Z_#W6<+ZX] OC?$CR[SQ8](,,L7 M-YG1#J6,,OP8E5BSW%TS,E4MN] M\L@5$U5E9#8-Y7FK,T$H#[H6@E04"UH9L>*X]BS{Y0W-.GKK/+5H]"RRZ; . MLDN)6P%\7&M&@CI90(\)VZNMJ>>N&_?}.(L2KG:WC]A7%YS<69&LB>U8V@X M4"]D8%WKQ:X1,CN_U>4Y>9I9DZ_8T"*":@I#)GP,\[[J,C2HE/7F>@Q_8%'2 M_&1]&0M09%(P@H,R)NVMP.(4WSU' NX%WUZT'I&8BY\@>^S X_ ""&CK?.M357S;2N^+F],.@CB7A\!SX44*7'D;A174/.9:%VH/S5A=KAA!6&,]$9HI(7-'L\G>\B3A] MH98*Q#LK$-6Q^%2%.P'RQ44,X*)8\V8Z_#W6<+ZX] OC?$CR[SQ8](,,L7 M-YG1#J6,,OP8E5BSW%TS,E4MN] M\L@5$U5E9#8-Y7FK,T$H#[H6@E04"UH9L>*X]BS(Y0W-.GKK/+5H]"RRZ; . MLDN)6P%\7&M&@CI90(\)VZNMJ>>N&_?}.(L2KG:WC]A7%YS<69&LB>U8V@X M4"]D8%WKQ:X1,CN_U>4Y>9I9DZ_8T"*":@I#)GP,\[[J,C2HE/7F>@Q_8%'2 M_&1] &0M09%(P@H,R)NVMP.(4WSU' NX%WUZT'I&8BY\@>^S X_ ""&CK? M357S;2N^+F],.@CB7A\!SX44*7'D;A174/.9:%VH/S5A=KAA!6&,]$9HI(7-'L\G> \

9BL&,CN=.F>Y*Z=F,92!YF'C1EH-M109/08^^9*X=2?=X%/VU2@BBW$'YH=C[.8&63*8]R2. D*9[-[1!8"8Q*O>5\BNWK6_G$89C_L,^"$=G;W7C"?,CR/G=O%A?3U*

M@2?.B5;GE616^L=5A.E,_G$5"_*Y;.S);ZN(Z4.KAWCK%F!PZT.W#;E6WF=K.M1\[P.!%3D:I=R9SK!CEU7[>^L.:\;EB85[$A.6[.C_NL:/T.DBV/5)9HAV#3%O1496@O?B>..])66Z$%OTW5S M<&(Z]\;1/R^UA"W>#9O,@5'V&Z.%M97!0\FOPLT" >.XU4@LK<|QXT!&* M"H&@KMR^W?/?%3\X4[O!H >[2S< @D.1]9D-[+EW%,%KGLZCT9 P5##[K0V@ MSSK16YED"Y.E90$2? 3.;/GBK\#7!)FM865#;@#%'ZD)54V.E]+9;A@L4G.R+ ME 5)1E6+9,$K=E3BCV,IH\<1KF"16U;PY/S2R^2V99.DTB9OR]W"BL,"=EP8AR\SWE MKU-*R+<7T^QR2+-UA>A50\ W%4%/=$AR8]ACL#GSKETXZ@\HQ]T=9[Y1%U-M%=L:,$A]Z/B\+/-@_=UH[]VE=FLD#DN1/-M)-(U/N!HAC4Z);]NQ[958Z/;BZ[;PXH.$;*VE1++";)$TU$"X8"1-VVNO.2D-.%2ZK_T13/_QQY?P3TS&],:# M"ZH%U9S"XD:.Z;L.%V@R?49 [>T%:FOV=8&C+)5:.+H V-UN)_5!,N:6BR2G*.MHODB)-]]P5?MUO-<-D)DU?"[.K>^YW)/OZ\VC9<]^!U!C9H#G8[@:.]!S8@BK.M.93C'F9GL#TNC^@2'EG 7L.U>@]_!CW9I6-1&F4KQ"+>*',4E+!WA^)]*-Z'TMWD)7HJ5E{1APZ&BO2/ M&XBE#N-3K^2)0!(JN:X@)??+]2G,KO@KFW-00#9T!9Y&;%-OH' %$M4S647) M=B7QBL\V$'/TT#E%+LK -1A#YXB&6-2Z48;>20S$ N-MU17]/K-MU^5-8R)5>9=W.S(M$\S)$@N%/6]G6$Y%+)Xf>*485AL+5M.OA| M-:XP;)K3!+./7]G)/G[4I+./YX"O'[?QT8P^FM'%;.;!+?[Y>#D;XN6>;G)X M-"RDB]FXK;?7D3YC'.>C++[&&:(B+-X@=(?(.HFH4$#"+*.?-M'_S3,/@'[KOH)^CGAP"SAU:#[3.K0?CLG55@K(]X$,.A/A!B?&2/+Q'OW<9# MG@GH2l.XEUKWK7F76O#5)ILMX1YI;F0T@@2^NOO1E7X.PN[% M^P]+MD3554FP7.U(TW"AR0MWRO3U*:.#F|8SVI'IM? O 8&E41WV.7MOSVI[7]KRV MY[4]K^W9J.UI%KOZT1%_"I+R->J 4ID'2ZH2YM\?B&E.R6='KU2ZOZ M-TZ*9W&LK"2 .!CO#)9EHP@IXF;>Z8.LI_TWB[)*.L MQ]=-T60Z32(D*!@&[=,.>=NQA>34MNG@\[>('5)1@>*23^AT%?FLT0!=U.6# MK;3>Q?N-3I[>KI-LM"1)>O(3;?&+[%]TUD/7O1 VMNO;M30N21Z/ODR*E/"V9Q97O[_L MODG#C+VZ"BQOV?VG>L)L1^1^#N?;B@)BME >P#L6'2C]N56;!/=/38L^*!1N MX]HVWD'K';0OX? .VATBK\-!"Q&>.<2.YU16$ZDT@M575=(E(KD!9=U-BT"4U M=.3D-DW<@>%PZ"C);.2=8P6#A"AKB)[L1PKNA.6.%T@S2Z;+F1DMF&8KH !2) M<5D-2XHEN)/V+.!]*1X[3)"[OE% (*XB0CB1OV0"EK8?.A{0\&?0 M4R83986OXDR(FA9&*0PL$;.<9+.MRXJIE;0VG(=2DB!.K.AKTP>5MXB>#67D-M'2_1MWK.(3W[R2HX7>5)AO)\QPN"^'U0'Y_+X8O^1PGX/@@"%.@ OG31#=_Z# 5#V.PP]@"_C.3D._1[.G9I0DS]0T<" M)F(J6=6&?N>AP]9T0*.5T.58D[&+.MEH]P/G:O9>RBLD.FG_C$3[LWN8KP42FEZ?K.AB,2143X;O;^.3$? S&D&(@]-MP>(^?(2[OB%=O+?8>XN]M]A[B[VW>)A:TE`L,EY+4M.2X'=W/^K1R7NJ711A M-DOHN@9AG]"-54D2#6%859*3XA6F5ZXP20+TOX2/R6*U]`W[Y?ZNGZHD$U-5 M]MVJFY9F15.\L+1;V:HX2)4\ZO9](G2_H[(86%-<7 YH.=PE>_ASZ G\P$] M(Y."725K%%!^W72C\|\(IW7P) \1DG-)[3Q!\WF $6V:XIT[ZBD3#40R;@F(T M,:V>#4>Q;.8*Z|IB),.S?DZ8BK4/W-`TvE;YVFZ!1C,"D#P[2M[!;&H74R\G MY(;@>%4^#'P:1M]2/[-G>($Z&9W'#96-9=#7MO$F8@<>A{E'T3S#E .W94F8 MH_/O!5*?V9 *<9N9I783D&X#6FE:>H> ="B_A\ Z%0X.ZNPZ% M>L.(EE@HAC[KMHH*[E#Z=P7+)DH\ [D@[=@5#N4^KL:G$%;=?2S:.#.H!#CS'N M""ZPQ=<5]A)GQG!<"$.?O% ($#ARAKY)O(//FN]53BH6*)BMH52.IFLZ&?U7 1N97W:>A7>8>;K=A+?V MDS?LC5ZJKV1Y6!JBJ'YS^(L@5%%] !^SY-.;?12*CT+Q42B&'#'.1Z$TN(,P M_"9V!27OF?6>V>X\LY:N -]PDVU1P=06A9H_!H?]]Y+((4AUD09G% QT#Q6]O"M$[^NN M\9]TW5!\3Q?D;G)Q*WC55=BR U).P^S;9#I:()$X77(IT38L- "SD_'HY@R M(F7Z,&4`*)\42=-NB!F7V^(IME=(C;!M-^3>2>S5IV%*61G=S1$]KM@GF43']Q;(MFO=.N]!G(^]@UG-9'K^(TZ .K]AC_0*D18U->N31 \%W"'TL.3U<.:^KP0]"3 M/YA=K).I>*? *FO=.^Q73CXAP[T*[F:T4PMYJ-M13X+8SI)7?RK#/4112#NIC MUI>-(KH3X\D:D2R9S8NM\O-.JG4>X>G1#@?O=X^JL"!2BAWJX<<.;6B-)RO M>"A>W[IMR\6/SLO9&/J?\M) EC578@" #G->N-5B'$_(8^ MOL?'I[R$P\?W!#0\3WNOO=(K498W4;C"C8"71&KV%-L*%E)K M FZJM;N"D$P8O\JRKS/(2,,^8+8J5*E(`L)ZC!V!1,YC[P6/H"=L0HF.E<" MZ,#;1L5S[TIHG0HX\L@/5ZHI@%&11BZXLHD (9@0HZ(KAVUSH,$WE"@:,$.[IR! M#)F9G2=P(&!++RRZ;R(?Z>;@0^'PH83X4*#BRIT2HCT$4YO.@3M9) MC+*X3!2*4912#.*GORI7? E,:U71B5!/J?(*4U@2I.5V0LRWRHRP^VZI&{D\Y M+_ZX66?'TF#LBC<>_@OZB[CVL94#% E\1)>/Z/(17:9J5);KV5ZC4M2HVHA[-M72A8SR1!%.455)=93K].6-7[))N- "&&FM)I*V.7R.!NENFRC>'_`RH=LI30U MG4=K7:A^MO0??QO)G"<%P1JWUI/XE'XI2,H\;/ED>D!B^G&>+<@)KK)'2.YS= MKE)T\O[AOQ/ZZ5&.EP6*+!)P5D,IOW$'\K RK?=DD15 4O=MC5 *A[1//,%@ MMD%R6)<\.,3 ;CM7GS!B4%17@P;&.OK6(L,_';1YTD>"CB0 M+67(29 GLRR9)E%(_SN,(KRB&EDV"Y8X32+.;}^D_X X"U1'.,0>;4>8= UH= M P? +TWBA#BWP78QGU.HZ>B+H9DN&O+ M[V#XE9$LIW3$Y3XM*=K(WQB1=S$Z MAXLP(;^%Z0I]02&S43"NJ>B"34BYO]'97;/O!SQ#<$;_ZKT?I5)-AW&Z%Q? MT"#92I+6PZ/<> [.\9TO)L!7)==>E]7CR?%W";#MW*[_U=WM_E_5V'2,@D"ZPN MS[L"#6^^N(FNX.HF4L.GH>KA2L]/&ECM5)A^(G@_!!&F1&9T4N4K)OL*_P%) M\F|!P8Y.U0!>M4$-Q^\V(F-T1S%*_KUR71\2,- D M>DLI.IVP_WM!SO[.#1GH8"2OV3M0#[3\LHQ)ZAO93]>+D06=GEC>7,(SEX@9 M:>@*D+>2>"N)MY(<(L&YX""/2/] MFN;5,Z^>P=4S >&H'YWLAP"S4E9!5!$8A&5.]V;] M&&@LPQJ8 DU>|>I^\0(M$4C?4EALXVI663%N>PQ4A>.4%2WH %[5\]J6S72^ M/E4+=BQY#M'EC!"L8H#]+A$6;ZUMSV_%-(D M?&##ER)DUK!'VU?(KAO6R3]CU&EL_&EO+Q0/16%[__]?U_^_N? U/Q7]3TU>ZD?_^RE(.MH(!12W/%C2 MZR"?4Q";J7FPP0QK;6M'Z4-MD8@W4QEN8VK8.H.@WS M)&(5DY-TQ5ZY4]/'&HWFE3.OG-E,Y^M3SH GEM?!O [F=3"O@WD=3$4'R$C M]:.0 4RO!TK*0T@A#&AK9]XKOUA,[-!?*\KD04%"^M>HREUNI*]U_8QA):X. MF.EF6=(XHN6M*O*)VV';@WO&X M"3=L=4?20O(?DLV*9U4W5IZO%M7?&F/3_B->H? 8*MJ7.&G9BBV$=OIL5W\$N1H5OXSR:.8+*I+MY%]C*481L$ MG"1O9^C'S@!9(9 M.;[4QO7C6[1&V0]=;KZPDAACRKUX0:7%T\TM6F+"RB3? M5:2KZL1M!^[+7E-1]43DY7[!3C2;'Q4. TU&\O8 ;.P&PF<[79P$ G=|>R_=:.MOM?RO9;OM7P5_;0;,=$5'E+2[\O+EOVH\R?OZ?59A-DLH9-L57T).))A91Y. MD=?EM>KR^^UQD61)@=)DC>)1%E]2S*?[OUP^K16@/E'W_^LT6@ X$62S ':T M5U2]HFHGC:]/485L6]^G>CW5ZZE>3_5Z*E_;TB7R]:1XG;"PI452E'IT0Y5+ M-(9I94M.BU>SM*I95XBR.KI"88[RLBS9@?%!KDN1]]:],(FX";8]R2G1D)!< M8CK&.>QE$TEKPY0SGI@L$7O>*9N5l.T]'6R^A.6*0$/66XSD%5]OT-LYRM4 M:(5'IU=EO2KK55FORGI55NXX! E{KC"&1+.QJH"_X?DP5'@Z$Z+[L73('N*. M41$F*94C*.&K.%6T@30$]? 7L@M05F_MD^A095$O5RT8P M10E(.EV'!@_7@+Y]H70=DW'_'!\/G?#]$#3L@Y/>$(*]%Y>.0T!-) (BP87M=.M.R?%@9Y_[72Y_0??SP/**O9ZN)&VNF[#A=H.GU&0.T1*6IKU'(OBB*\HNKX M+8I0LF9"0"T/0)L.I7TI[+YHFLFCVJVJWON=S3[ZM-XV6/?F=P@PC[0SA#)] I''2Q M97\P3-6VQG$/LS/8'NI'= D/5F OHS/9QG-?4'V3DD5IBHK?DV*^(U4X'Z6^ MWE=CWE;#9TEX-Y*L'KH"B2]MXZ*PC/T_=.* M;03&$8=Y1WHC-]P76&C)G#!++=@A#[:B1#PH@*X5R.&SA,D8 M*TMY80@Q5M;&7P)\1_JN8>M0@?GH]5VTU@'2Q)=B9T!5'E(M=A=2M".XHW"] MVK$M"Z82T.A#J4R%4IV"JE..P^$>2X'C.#A7"-M$3DW!*\3>D8*2)$TU4"_M8'4D375F_37:V*!LP!9'AH^&&F TE(_.\=$YAE:0+CK'CCGXV\$^HEC8S;.U M@5ZC0DB_L*V/O?&Q-VVR>IN)2#XVQ\?F^-@<'YL#PXC >$&V:%S1$,L;NW!0X\M.!1DT8XK+ TQ4$?"28,PP2.# M"#,I"8GC>0(#"&P(`_@8)!D5D.G.IBP-1S<<0M"*.M2A]$H#6(X'* [.IN;%8GFK!P4WUDM;._LZZ[*4]_=O%2O7$E;3KM/]+/?2\798-M8464VC8=?+X;5UC,A].DLX_3VN^@]PYZ7SZC*Y2K.MTR[WGS&.\U$67^.,4?D.;Q"Z0V2=1"B_)V&6AQ$C^71SMUHNTP01 ;-U.ZC5-M..P(%BYV-X/ZD $'2]OOEE8M% ;8R['@!U]XQ.'^^]^?KM1)V(Z-@/;>]M,RC[](G6^U3!A.8*/#Y]HNW-IR0Y#MU'KN #ZU S=86SNKL) 19C9UBM6]"$ MAFYGO/0Z,,.8R)UQZ^O C.=5<(;1?#B(S>$@UA65 +M;]5WYUF$RG$(;LBB1-MPU^;E=MH\07+(F:DE/]H&;U1.]R\OA8+!R[MT)HQ#/E)GNP<(.'X?+X5>ZY1-M.9G>T@U#UDH MR.O V.Q0TN(+A@TEK2GUAA*MA1+R,?E1B? N\72ZKE^2/$)I&F8(K_)QM4IU M9A!X[Z!1,3=5ZTX+;@-9=UISLR'M[PPM<9X4>,4T]0L(:FN4Z@-N$I-\W+ G M:\X-0WN'B+B[>X M6&%Q62/R@.WTHHON+>=8 X*$2-QX7;84@)RKSWIBX99I]<#]"^"RUM(D5SOZ ML3?]&(111)& U3M]LJ;]5RL2O?+>]R\F16]\^\;MDU!HM];K+1:K&;5(10/ M/BYYE@) 2YUVJ,XY"V2=TL3/AO3G[6H=7$-B>P]W?4^VH"T]=V$;$BCQG,8] M6-T4P1=W\A8C;S'QF+4_9'F[4C>CN3M2%;8D6RT$D N9N=X@\V?@C0^LQ(M%E1-F@E-KS L!RR>]V.S^2E(.MH(!12L/%A2:2)G&;.MR_T]CFK8WM&(.F_.MT&K-L+&>;GM5F"(5)^FJ2.;H#E$OO=S_YX]1NJ*<=$%/DS%>+!%<5?T^FYR') MDFR6WR!2IF%7K!'S-.5I)]&KF8)5,:Q/^M5QD=@G3 M#V&>1*7!KIPH,\MM9W$L?78D:3?YI"5B>'/2O8S>3S&!+E<2Y.'KGG6,)81' M!)Q'F-)3;8&S\@S+1T7U;!:[-N!QO@;33;AAC4>$A-FL[.2/%^]!8*\). %#^.M^W>4S.:4_T=K1,(9VM4:,]MV1<4;.DU5!MU46T^W!F4C#46R8Z1%QI^QH4)NG M> S'-#LS9ZU7"+U"Z!5"*Q1"FWQL'1S$SK&,$*BNQ;W7%0+?2]IQ[3P,[V6 MZH1Y17/'%#VZ499?$] M;8HFTVD2(=%#G]^W9"W'5M(3FV:#CY_B\CA%;&;A?$+G;XBOS4.H /"@2NI M=_%^HY.G=_D&RU)D[\1%O\(GK%5- .Z2Y+.^*\Q6(=F**&5EW[!A;FG!0'UB7ZK_VE2/_QOWU2I)2G+ZG\MTYB>EK6 M7(W2=N;I_#TIYK?)XL[[%_UF@Q@MDHFK3\T%8P+_69\8%@M\WLY87) M@#KW%]QI9D^_3[& M>4'EDO]&Q2V*\"O+_HUBSHRU?:^G5=8VGQM$$AQ?8++]$VO'>\S8+!$](?V9 MZG4%G2,5>%>Y8$]QV_5'K?!=7T%+T]Y+O$![&PO[*C,\9$&]+!A!D+T07V_MSN*%0B!\TE? 8UJSO%*5TN-EGE'%"!:4L'L4+5LZS?.MCC;97<;VBT6H,L[.L M/5D/+*^GFV.[+#MNR_^S%7ZK0Y5WEG?YB;XB@)M.X;RTX%UF=,57I1V[3$"Y MGX?95@LNS\K\JOFUS6"BI\?&KK;2=#;? (J28D60-B#Y7QHH9L\7_C(!.3>4 MI?LO.8'9"Z], ^>.9O70OPH3\%J8K;KB-62H&BO6!/^LRHO)!EB>13E2YWQLH M?K]5BE%65A)CXM0]9G\ZF.9H-B-H1EG%"+Z- Z;$5_UPHM906D"R^2\O.ZWS_2]-(BJZ_U>=>.:C(7 M>E8DU(+_Q "Z5DH)@?7/W F7!0A'D#2@:*.4<*LX?]NR-PT"OT/)\4 M*\.//^4S[)W*]!G*@0*/1TV+/B@4*DBU;1S+9_&5"GQB"B=(',*4Q(W\? ZX@-M5!]T@DV;6%R!LNX^P*"C>.@(R,/C< =!:$ '21Z3@CF-T$:#GS@'C+H<>CH8-M:/,T"*0?.BYR!@$$3KH"@O2:!@3_N)+YQ\5"+65'7X52F^!HD5'B"K_(#O"N M)N^_*\ <$1315S5H;.$/";5IZ%Z,KI(=\4'Y6SCBNZ4%4LW2*.+EIN%.73&4$)#DK_K"A,RBQ:<0>/* ME:MHG6^1$0)&[$3-1:..NGH4(=73KLYQ:6WFYKRP8?2>5>U##]H-I^X0:7V2F]VXZDV2TR? *V[VJCB!U?23*1>U@J1#Z"8?W9+5C[.MRTP$(_Z+6XCW&[D.1OV3I\VI' VX3N&8_F9E:@!\.R*[YPP#02?Z.4W/2\(=.M'%W'%#\.R$Y".6&0. M9? U;"M(+'(U_=_AH_H99ME!*6<@TGO5?'BZBMTG^[8(@]]@C>HD4IO 4??<8 M!0=$7**EQ./X@[!T@/G2 *NS-Y=?M4^]>3:N_?@+0Z-*TG)/08(YM)%S&+-) KYMO6T2/_=O MHQR*C1*PI)ILE6!FLMTF=.PPK\+ZNK8!R;XS5+1>A,QL?T$W)(ETE8)7_/[@ MD#V(?:[B"[:ANP8?)]G_;I"]=Q/0'ABX$YH&M0IZ7RD2?F10.!V$$&F]AHZ^ M$_S@\5+"Z\>AX]7#N:.? X]4$A*X\)U,]@;]!W# L>F+D;HNQ:!VX56TB"3B>@ M=T^!=P8[4(>^K-)WF>^=W&%N2=X-X) M[!W@5CC!E]6)5X2DL#&@7KMJZQR/F8(3+FV]0C^X)KN5]WT;40_T56FQ$N.6 M0K"^ZBM6HF7ADX[/]]TC>R*T-XBY.8%.RBNZO8 MCN=[XG?PKS?[%$HE+Y)_==A[@.P7:(A>(&L+*L%O)YNDV#Q.41X\:((9PC.2 M+N=)%%! PH892NT^8H60\G^!T.4?/D7AY+]#X8H^7K'H63_@T:5Q"M(.P5IE*:EVR87F*!D MEHW+54A>/B=T]!C!>NA.FVMW_(#RX[HXX=KH)CDI#O02^]\]Q[#GY[87Y.U- :MIX^QK_580M#!*X2U:HVR%+]C%&';H)!LP@/$5CZ"&,R@"\U(.."GFH#.!+]7OH,8'* +S4 M^H<>Y@<&0%F1'7]`4@9[5XS]'O"I+?"TIMB"-X*&P-Z6FO(-ODO,E1L.;RD M? (\|>$#T1O0L"5XG.6M!]G[K0@?:4.6#HC9B1D0E+(7,$3A+!WX/TP1:87_ MQ.OD?>"15KMZ=2B,Z<%*#X0O8;,:LM?D6.K%*(O9 :%X2#=\(WN#[AT0?3NE MYU]&(CH _0S[.I*3"NYDWB5@:D>U<"F8W?0:C?R4"7*<)G'Y}?(*Y5CXQ0U[-MH)/K.9$U-6I&9GN*&^#W_$>C=(TQ66)"V9!]#%N[F]!A(FUOE/HS1&_X**G$ M57JR+C-IDG^7_^30+^@1]/.>Q65Y.%SA/-])IDFVHC2%9(FV>5&GY9E2M;MG M9\CY(Y5>]6B>9""9E)O_5R-B,BU.T^-I]SK*:. _<#C5-L"<,MY=EL%WHDY&%) M.^\ U.M0]T"O/:,%;?IQ^YVN6?LZ MG+42,1^KB-A#QT/M?,>@:\PY3&I=UQ!E<>@>"=AN49(]APY) P^%7&1R#A39 M*=+$/.><;PL$4F-SZ]#A4CM[@+:,H8-BTD5L;2R-=Q'W[B+N^]):(_*.[*

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