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(unaudited) - Three and nine months ended September 30, 2023 and 2024

months ended September 30, 2023 and 2024

Condensed Consolidated Statements of Cash Flows (unaudited) - Nine months ended September 30, 2023 and 2024

Condensed Consolidated Financial Statements (unaudited) 9a-c. Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations 19a-c. Item 3. Quantitative and Qualitative Disclosure About Market Risk 36a-c. Item 4. Controls and Procedures 37a-c. Item 1. Legal Proceedings 37a-c. Item 1A. Risk Factors 38a-c. Item 6. Exhibits 38a-c. Items 2, 3, 4 and 5 of Part II are omitted because there is no information to report.

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NL INDUSTRIES, INC. AND SUBSIDIARIES

CONDENSED CONSOLIDATED BALANCE SHEETS (In thousands)

December 31, 2023 and 2024

ASSETS

Current assets:

Cash and cash equivalents

Restricted cash and cash equivalents

Accounts and other receivables, net

Prepaid expenses and other

Investment in Kronos Worldwide, Inc.

Goodwill

Land

Buildings

Equipment

Construction in progress

Accumulated depreciation

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Accounts payable

Accrued litigation settlement

Accrued and other current liabilities

Noncurrent liabilities:

Long-term debt

Accrued environmental remediation and related costs

Long-term litigation settlement

Deferred income taxes

Accrued pension costs

Other

Common stock

Additional paid-in capital

Retained earnings

Accumulated other comprehensive loss

Total NL stockholders' equity

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Cost of sales

Gross margin

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Insurance recoveries

Corporate expense

Income from operations

Other income (expense)

Interest expense

Interest income

Income tax expense

Net income

Net income attributable to NL stockholders

Basic and diluted net income per share

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September 30, 2023 and September 30, 2024, we are quoted per share common stock price of Valhi common stock was \$15.19 and \$33.37, respectively. All of our fixed income securities matured during the first nine months of 2024. The Valhi common stock we own is subject to restrictions on resale pursuant to certain provisions of the SEC Rule 144. In addition, as a majority-owned subsidiary of Valhi, we cannot vote our shares of Valhi common stock under Delaware General Corporation Law, but we receive dividends from Valhi on these shares, when declared and paid.

Note A 5A "Investment in Kronos Worldwide, A Inc.: At December 31, 2023 and September 30, 2024, we owned approximately 35.2A million shares of Kronos common stock. At September 30, 2024, the quoted market price of Kronos's common stock was \$12.45 per share, or an aggregate market value of \$438.5 million. At December 31, 2023, the quoted market price was \$9.94 per share, or an aggregate market value of \$350.1 million. See Table of ContentsThe change in the carrying value of our investment in Kronos during the first nine months of 2024 is summarized below:

	(In millions)	Balance at the beginning of the period	\$ 247.6	Equity in earnings of Kronos	\$ 30.4	Dividends received from Kronos	\$ (15.1)	Equity in Kronos' other comprehensive income (loss)	\$ (3.7)	Defined benefit pension plans	\$ 4	Balance at the end of the period	\$ 259.6								
Selected financial information of Kronos is summarized below:																					
Current assets	\$ 1,117.4	\$ 1,067.8	Property and equipment, net	\$ 482.9	\$ 720.9	Investment in TIO2 joint venture	\$ 111.0	Other noncurrent assets	\$ 146.7	Total assets	\$ 1,322.0	Current liabilities	\$ 370.8	Long-term debt	\$ 440.9	Accrued pension costs	\$ 150.0	Total liabilities	\$ 961.7	Equity	\$ 1,338.0
Three months ended	Nine months ended																				
Net sales	\$ 396.9	\$ 484.7	Cost of sales	\$ 1,266.4	\$ 1,464.0	Income tax expense (benefit)	\$ (8.7)	Revenue recognition	The following table disaggregates our net sales by reporting unit, which are the categories that depict how the nature, amount, timing and uncertainty of revenue and cash flows are affected by economic factors.												
Employee benefits	\$ 11,290	\$ 8,392	Security Products	\$ 31,376	\$ 26,567	Marine Components	\$ 84,667	Other	\$ 8,979	Total	\$ 40,355	\$ 33,667	\$ 118,122	\$ 107,525							
Interest cost	\$ 393	\$ 365	Expected return on plan assets	\$ 1,255	\$ 1,095	Recognized actuarial losses	\$ 358	A 999	\$ 430	\$ 363	\$ 1,424	\$ 1,089									
Income taxes	\$ 9,425	\$ (3,088)	Rate differences on equity in earnings (losses) of Kronos	\$ (1,037)	\$ (954)	\$ (3,878)	\$ (2,512)	U.S. state income taxes and other	\$ 134	\$ 378	\$ 122	\$ 93	Income tax expense (benefit)	\$ (965)	\$ (8,508)						
Comprehensive provision (benefit) for income taxes	\$ 13	\$ 13	Accumulated other comprehensive loss attributable to NL stockholders	\$ 177,119	\$ 180,098	Accumulated other comprehensive loss (net of tax and noncontrolling interest)	\$ 177,119	\$ 180,098	Defined benefit pension plans	\$ 181,076	\$ 181,619	\$ 178,191									
Amortization of prior service cost and net losses included in A net periodic pension cost	\$ 392	\$ 378	Plan settlement	\$ 4,142	\$ 4,142	Balance at end of period	\$ (38,396)	\$ (40,238)	Balance at beginning of period	\$ (1,011)	\$ (1,206)	\$ (893)	\$ (1,114)								
Other comprehensive loss - amortization of net gain included in net periodic A OPEB cost	\$ (57)	\$ (45)	Balance at end of period	\$ (1,068)	\$ (1,251)	Marketable debt securities	\$ 142	\$ 142	Total accumulated other comprehensive loss	\$ 142	\$ 142	\$ 142	\$ 142								
Other comprehensive income (loss) - unrealized gain (loss) arising during the period	\$ 81	\$ (7)	Balance at end of period	\$ (221,098)	\$ (223,434)	Other comprehensive income (loss)	\$ 71	\$ 1,847	\$ 1,964	Balance at end of period	\$ (221,027)	\$ (221,587)									
See Note 10 for amounts related to our defined benefit pension plans. Note 13A "Commitments and contingencies: General"	We are involved in various environmental, contractual, product liability, patent (or intellectual property), employment and other claims and disputes incidental to our current and former businesses. At least quarterly our management discusses and evaluates the status of any pending litigation or claim to which we are a party or which has been asserted against us. The factors considered in such evaluation include, among other things, the nature of such pending cases and claims, the status of such pending cases and claims, the advice of legal counsel and our experience in similar cases and claims (if any). Based on such evaluation, we make a determination as to whether we believe (i) it is probable a loss has been incurred, and if so, if the amount of such loss (or a range of loss) is reasonably estimable, or (ii) it is reasonably possible but not probable a loss has been incurred, and if so, if the amount of such loss (or a range of loss) is reasonably estimable, or (iii) it is remote. Lead pigment litigation Our former operations included the manufacture of lead pigments for use in paint and lead-based paint. We, other former manufacturers of lead pigments for use in paint and lead-based paint (together, the "former pigment manufacturers"), and the Lead Industries Association (LIA), which discontinued business operations in 2002, have been named as defendants in various legal proceedings seeking damages for personal injury, property damage and governmental expenditures allegedly caused by the use of lead-based paints. Certain of these actions have been filed by or on behalf of states, counties, cities or their public housing authorities and school districts, and certain others have been asserted as class actions. These lawsuits seek recovery under a variety of theories, including public and private nuisance, negligent product design, negligence failure to warn, strict liability, breach of warranty, conspiracy/concert of action, aiding and abetting, enterprise liability, market share or risk contribution liability, intentional tort, fraud and misrepresentation, violations of state consumer protection statutes, supplier negligence and similar claims. The plaintiffs in these actions generally seek to impose on the defendants responsibility for lead paint abatement and health concerns associated with the use of lead-based paints, including damages for personal injury, contribution and/or indemnification for medical expenses, medical monitoring expenses and costs for educational programs. To the extent the plaintiffs seek compensatory or punitive damages in these actions, such damages are generally unspecified. In some cases, the damages are unspecified pursuant to the requirements of applicable state law. A number of cases are inactive or have been dismissed or withdrawn. Most of the remaining cases are in various pre-trial stages. Some are on appeal following dismissal or summary judgment rulings or a trial verdict in favor of either the defendants or the plaintiffs. We believe we have substantial defenses to these actions, and we intend to continue to deny all allegations of wrongdoing and liability and to defend against all actions vigorously. We do not believe it is probable we have incurred any liability with respect to pending lead pigment litigation cases to which we are a party, and with respect to all such lead pigment litigation cases to which we are a party, we believe liability to us that may result, if any, in this regard cannot be reasonably estimated, because:—we have never settled any of the market share, intentional tort, fraud, nuisance, supplier negligence, breach of warranty, conspiracy, misrepresentation, aiding and abetting, enterprise liability, or statutory cases (other than the Santa Clara case discussed below); —no final, non-appealable adverse judgments have ever been entered against us, and—we have never ultimately been found liable with respect to any such litigation matters, including over 100 cases over a thirty-year period for which we were previously a party and for which we have been dismissed without any finding of liability. Accordingly, we have not accrued any amounts for any of the pending lead pigment and lead-based paint litigation cases filed by or on behalf of states, counties, cities or their public housing authorities and school districts, or those asserted as class actions. In addition, we have determined that liability to us which may result, if any, cannot be reasonably estimated at this time because there is no prior history of a loss of this nature on which an estimate could be made and there is no substantive information available upon which an estimate could be based. In the terms of the County of Santa Clara v. Atlantic Richfield Company, et al. (Superior Court of the State of California, County of Santa Clara, Case No. 1-00-CV-788657) global settlement agreement, we have one installment payment of \$16.7 million remaining which is due in September 2025. Our remaining installment will be made with funds already on deposit at the court, which are included in current restricted cash on our Condensed Consolidated Balance Sheets, that are committed to the settlement, including all accrued interest at the date of payment, with amounts on deposit in excess of the final payment returned to us. A See Note 16 to our 2023 Annual Report. New cases may continue to be filed against us. We do not know if we will incur liability in the future in respect to any of the pending or possible litigation in view of the inherent uncertainties involved in court and jury rulings. In the future, if new information regarding such matters becomes available to us (such as a final, non-appealable adverse verdict against us or otherwise ultimately being found liable with respect to such matters), at that time we would consider such information in evaluating any remaining cases then-pending against us as to whether it might then have become probable we have incurred liability with respect to these matters, and whether such liability, if any, could have become reasonably estimable. The resolution of any of these cases could result in the recognition of a loss contingency accrual that could have a material adverse impact on our net income for the interim or annual period during which such liability is recognized and a material adverse impact on our consolidated financial condition and liquidity.																				

Table of ContentsEnvironmental matters and litigationOur operations are governed by various environmental laws and regulations. Certain of our businesses are and have been engaged in the handling, manufacture or use of substances or compounds that may be considered toxic or hazardous within the meaning of applicable environmental laws and regulations. As with other companies engaged in similar businesses, certain of our past and current operations and products have the potential to cause environmental or other damage. We have implemented and continue to implement various policies and programs in an effort to minimize these risks. Our policy is to maintain compliance with applicable environmental laws and regulations at all of our plants and to strive to improve environmental performance. From time to time, we may be subject to environmental regulatory enforcement under U.S. statutes, the resolution of which typically involves the establishment of compliance programs. It is possible that future developments, such as stricter requirements of environmental laws and enforcement policies, could adversely affect our production, handling, use, storage, transportation, sale or disposal of such substances. We believe all of our facilities are in substantial compliance with applicable environmental laws.Certain properties and facilities used in our former operations, including divested primary and secondary lead smelters and former mining locations, are the subject of civil litigation, administrative proceedings or investigations arising under federal and state environmental laws and common law. Additionally, in connection with past operating practices, we are currently involved as a defendant, potentially responsible party (PRP) or both, pursuant to the Comprehensive Environmental Response, Compensation and Liability Act, as amended by the Superfund Amendments and Reauthorization Act (CERCLA), and similar state laws in various governmental and private actions associated with waste disposal sites, mining locations, and facilities that we or our predecessors, our subsidiaries or their predecessors currently or previously owned, operated or used, certain of which are on the United States Environmental Protection Agency's (EPA) Superfund National Priorities List or similar state lists. These proceedings seek cleanup costs, damages for personal injury or property damage and/or damages for injury to natural resources. Certain of these proceedings involve claims for substantial amounts. Although we may be jointly and severally liable for these costs, in most cases we are only one of a number of PRPs who may also be jointly and severally liable, and among whom costs may be shared or allocated. In addition, we are occasionally named as a party in a number of personal injury lawsuits filed in various

Our operations face various environmental claims related to environmental conditions alleged to have resulted from our operations. Obligations associated with environmental remediation and related matters are difficult to assess and estimate for numerous reasons including the:

- complexity and differing interpretations of governmental regulations;
- number of PRPs and their ability or willingness to fund such allocation of costs;
- financial capabilities of the PRPs and the allocation of costs among them;
- solvency of other PRPs;
- multiplicity of possible solutions;
- number of years of investigatory, remedial and monitoring activity required;
- uncertainty over the extent, if any, to which our former operations might have contributed to the conditions allegedly giving rise to such personal injury, property damage, natural resource and related claims; and
- number of years between former operations and notice of claims and lack of information and documents about the former operations.

In addition, the imposition of more stringent standards or requirements under environmental laws or regulations, new developments or changes regarding site cleanup costs or the allocation of costs among PRPs, solvency of other PRPs, the results of future testing and analysis undertaken with respect to certain sites or a determination that we are potentially responsible for the release of hazardous substances at other sites, could cause our expenditures to exceed our current estimates. Actual costs could exceed accrued amounts or the upper end of the range for sites for which estimates have been made, and costs may be incurred for sites where no estimates presently can be made. Further, additional environmental and related matters may arise in the future. If we were to incur any future liability, this could have a material adverse effect on our consolidated financial statements, results of operations and liquidity. We record liabilities related to environmental remediation and related matters (including costs associated with damages for personal injury or property damage and/or damages for injury to natural resources) when estimated future expenditures are probable and reasonably estimable. We adjust such accruals as further information becomes available to us or as circumstances change. Unless the amounts and timing of such estimated future expenditures are fixed and reasonably determinable, we generally do not discount estimated 16 Table of Contentsfuture expenditures to their present value due to the uncertainty of the timing of the payout. We recognize recoveries of costs from other parties, if any, as assets when their receipt is deemed probable. We do not know and cannot estimate the exact time frame over which we will make payments for our accrued environmental and related costs. The timing of payments depends upon a number of factors, including but not limited to the timing of the actual remediation process; which in turn depends on factors outside of our control. At each balance sheet date, we estimate the amount of our accrued environmental and related costs which we expect to pay within the next twelve months, and we classify this estimate as a current liability. We classify the remaining accrued environmental costs as a noncurrent liability.Changes in the accrued environmental remediation and related costs during the first nine months of 2024 are as follows:

(In thousands)	Balance at the beginning of the period	Additions charged to expense	Paid	Current liability	Noncurrent liability
\$91,625	\$91,625	\$-	\$-	\$89,163	\$2,462

Amounts recognized in the Condensed Consolidated Balance Sheet at the end of the period: On a quarterly basis, we evaluate the potential range of our liability for environmental remediation and related costs at sites where we have been named as a PRR or defendant, including sites for which our wholly-owned environmental management subsidiary, NL Environmental Management Services, A Inc. (EMS), has contractually assumed our obligations. At September 30, 2024, we had accrued approximately \$92 million related to approximately 33 sites associated with remediation and related matters we believe are at the present time and/or in their current phase reasonably estimable. The upper end of the range of reasonably possible costs to us for remediation and related matters for which we believe it is possible to estimate costs is approximately \$118 million, including the amount currently accrued. These accruals have not been discounted to present value. We believe it is not reasonably possible to estimate the range of costs for certain sites. At September 30, 2024, there were approximately five sites for which we are not currently able to reasonably estimate a range of costs. For these sites, generally the investigation is in the early stages, and we are unable to determine whether or not we actually had any association with the site, the nature of our responsibility, if any, for the contamination at the site, if any, and the extent of contamination at and cost to remediate the site. The timing and availability of information on these sites is dependent on events outside of our control, such as when the party alleging liability provides information to us. At certain of these previously inactive sites, we have received general and special notices of liability from the EPA and/or state agencies alleging that we, sometimes with other PRPs, are liable for past and future costs of remediating environmental contamination allegedly caused by former operations. These notifications may assert that we, along with any other alleged PRPs, are liable for past and/or future clean-up costs. As further information becomes available to us for any of these sites, which would allow us to estimate a range of costs, we would at that time adjust our accruals. Any such adjustment could result in the recognition of an accrual that would have a material effect on our consolidated financial statements, results of operations and liquidity.Insureance coverage claimsWe are involved in certain legal proceedings with a number of our former insurance carriers regarding the nature and extent of the carriers' obligations to us under insurance policies with respect to certain lead pigment and asbestos lawsuits. The issue of whether insurance coverage for defense costs or indemnity or both will be found to exist for our lead pigment and asbestos litigation depends upon a variety of factors and we cannot assure you that such insurance coverage will be available.We have agreements with certain of our former insurance carriers pursuant to which the carriers reimburse us for a portion of our future lead pigment litigation defense costs, and one such carrier reimburses us for a portion of our future asbestos litigation defense costs. We are not able to determine how much we will ultimately recover from these carriers for defense costs incurred by us because of certain issues that arise regarding which defense costs qualify for reimbursement. While we continue to seek additional insurance recoveries, we do not know if we will be successful in obtaining reimbursement for either defense costs or indemnity. Accordingly, we recognize insurance recoveries in income only when receipt of the recovery is probable and we are able to reasonably estimate the amount of the recovery.17 Table of ContentsFor a complete discussion of certain litigation involving us and certain of our former insurance carriers, refer to our 2023 Annual Report.Other litigationIn addition to the litigation described above, we and our affiliates are also involved in various other environmental, contractual, product liability, patent (or intellectual property), employment and other claims and disputes incidental to present and former businesses. In certain cases, we have insurance coverage for these items, although we do not expect additional material insurance coverage for environmental matters. We currently believe the disposition of all of these various other claims and disputes (including asbestos-related claims), individually and in the aggregate, should not have a material adverse effect on our consolidated financial position, results of operations or liquidity beyond the accruals already provided.NoteA 14 " Financial instruments:See NoteA 4 for information on how we determine fair value of our marketable securities.The following table presents the financial instruments that are not carried at fair value but which require fair value disclosure:

(In thousands)	Cash, cash equivalents and restricted cash	Accounts receivable and accounts payable
\$141,382	\$141,382	\$176,224

Due to their near-term maturities, the carrying amounts of accounts receivable and accounts payable are considered equivalent to fair value.Note 15 " Recent Accounting Pronouncements:In November 2023, the Financial Accounting Standards Board (FASB) issued ASU 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures. The ASU requires public companies to disclose significant segment expenses and other segment items on an annual and interim basis. The ASU also mandates public companies to provide all annual segment disclosures currently required annually in interim periods. Public companies will also be required to disclose the title and position of the chief operating decision maker (CODM) and explain how the CODM uses the reported measure of segment profit or loss in assessing segment performance and allocation of resources. The ASU is effective for us beginning with our 2024 Annual Report, and for interim reporting, in the first quarter of 2025, with retrospective application required. We are in the process of evaluating the additional disclosure requirements. In December 2023, the FASB issued ASU 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures. The ASU requires additional annual disclosure and disaggregation for the rate reconciliation, income taxes paid and income tax expense by federal, state and foreign tax jurisdictions. In addition, the standard increases the disclosure requirements for items included in the rate reconciliation that meet a quantitative threshold. The ASU is effective for us beginning with our 2025 Annual Report. The ASU may be applied prospectively; however, entities have the option to apply it retrospectively. We are in the process of evaluating the additional disclosure requirements."18 Table of ContentsITEM 2.MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONSRESULTS OF OPERATIONSBusiness overviewWe are primarily a holding company. We operate in the component products industry through our majority-owned subsidiary, CompX InternationalA Inc. We also own a non-controlling interest in Kronos Worldwide,A Inc. Both CompX (NYSE American: CIX) and Kronos (NYSE: KRO) file periodic reports with the Securities and Exchange Commission (SEC).CompX is a leading manufacturer of engineered components utilized in a variety of applications and industries. Through its Security Products operations, CompX manufactures mechanical and electronic cabinet locks and other locking mechanisms used in postal, recreational transportation, office and institutional furniture, cabinetry, tool storage and healthcare applications. CompX also manufactures wake enhancement systems, stainless steel exhaust systems, gauges, throttle controls, trim tabs and related hardware and accessories for the recreational marine and other industries through its Marine Components operations. We account for our approximate 31% non-controlling interest in Kronos by the equity method. Kronos is a leading global producer and marketer of value-added titanium dioxide pigments (TiO2). TiO2 is used for a variety of manufacturing applications including paints, plastics, paper and other industrial and specialty products.Forward-looking informationThis report contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, as amended. Statements in this Quarterly Report on FormA 10-Q that are not historical facts are forward-looking in nature and represent management's beliefs and assumptions based on currently available information. Statements in this report including, but not limited to, statements found in ItemA 2 - Management's Discussion and Analysis of Financial Condition and Results of Operations,are forward-looking statements that represent our management's beliefs and assumptions based on currently available information. In some cases you can identify forward-looking statements by the use of words such as "believes," "intends," "expects," "may," "should," "could," "anticipates," "is expected to" or comparable terminology, or by discussions of strategies or trends. Although we believe the expectations reflected in forward-looking statements are reasonable, we do not know if these expectations will be correct. Such statements by their nature involve substantial risks and uncertainties that could significantly impact expected results. Actual future results could differ materially from those predicted. The factors that could cause our actual future results to differ materially from those described herein are the risks and uncertainties discussed in this Quarterly Report and those described from time to time in our other filings with the SEC including, but are not limited to, the following:

- Future supply and demand for our products;
- Kronos's ability to realize expected cost savings from strategic and operational initiatives;
- Kronos's ability to integrate acquisitions, including Louisiana Pigment Company, L.P. (aCPLPC) into its operations and realize expected synergies and innovations;
- The dependence of certain of our businesses on certain market sectors;
- The cyclical nature of our businesses (such as Kronos's TiO2 operations);
- Customer and producer inventory levels;
- Unexpected or earlier-than-expected industry capacity expansion (such as the TiO2 industry);
- Changes in raw material and other operating costs (such as energy, ore, zinc, aluminum, steel and brass costs) and our ability to pass those costs on to our customers or offset them with reductions in other operating costs;
- Changes in the availability of raw materials (such as ore);
- General global economic and political conditions that harm the worldwide economy, disrupt our supply chain, increase material and energy costs or reduce demand or perceived demand for Kronos's TiO2 and our products or impair our ability to operate our facilities (including changes in the level of gross domestic product in various regions of the world, natural disasters, terrorist acts, global conflicts and public health crises);
- Operating interruptions (including, but not limited to, labor disputes, leaks, natural disasters, fires, explosions, unscheduled or unplanned downtime, transportation interruptions, certain regional and world events or economic conditions and public health crises);
- Technology related disruptions (including, but not limited to, cyberattacks; software implementation, upgrades, or improvements; technology processing failures; or other events) related to our technology infrastructure that could impact our ability to continue operations, or at key vendors which could impact our supply chain, or at key customers which could impact their operations and cause them to curtail or pause orders;
- Competitive products and substitute products;
- Price and product competition from low-cost manufacturing sources (such as China);
- Customer and competitor strategies;
- Potential consolidation of Kronos's competitors;
- Potential consolidation of Kronos's customers;
- The impact of pricing and production decisions;
- Competitive technology positions;
- Our ability to protect or defend intellectual property rights;
- Potential difficulties in upgrading or implementing accounting and manufacturing software systems;
- The introduction of trade barriers or trade disputes;
- Fluctuations in currency exchange rates (such as changes in the exchange rate between the U.S. dollar and each of the euro, the Norwegian krone and the Canadian dollar and between the euro and the Norwegian krone), or possible disruptions to our business resulting from uncertainties associated with the euro or other currencies;
- Decisions to sell operating assets other than in the ordinary course of business;
- Kronos's ability to renew or refinance credit facilities or other debt instruments in the future;
- Changes in interest rates;
- Our ability to maintain sufficient liquidity;
- The timing and amounts of insurance recoveries;
- The ability of our subsidiaries or affiliates to pay us dividends;
- Uncertainties associated with CompX's development of new products and product features;
- The ultimate outcome of income tax audits, tax settlement initiatives or other tax matters, including future tax reform;
- Our ability to utilize income tax attributes or changes in income tax rates related to such attributes, the benefits of which may or may not have been recognized under the more-likely-than-not recognition criteria;
- Environmental matters (such as those requiring compliance with emission and discharge standards for existing and new facilities or new developments regarding environmental remediation or decommissioning obligations at sites related to our former operations);
- Government laws and regulations and possible changes therein (such as changes in government regulations which might impose various obligations on former manufacturers of lead pigment and lead-based paint, including us, with respect to asserted health concerns associated with the use of such products), including new environmental, health and safety, sustainability or other regulations (such as those seeking to limit or classify TiO2 or its use);
- The ultimate resolution of pending litigation (such as our lead pigment and environmental matters); and
- Pending or possible future litigation or other actions.Should one or more of these risks materialize (or if the consequences of such a development worsen), or should the underlying assumptions prove incorrect, actual results could differ materially from those currently forecasted or expected. We disclaim any intention or obligation to update or revise any forward-looking statement whether as a result of changes in information, future events or otherwise.20 Table of ContentsResults of operationsNet income (loss) overviewQuarter ended September 30, 2024 compared to the quarter ended September 30, 2023Our net income attributable to NL stockholders was \$36.0 million, or \$.74 per share, in the third quarter of 2024 compared to a net loss attributable to NL stockholders of \$.1 million, or nil per share, in the third quarter of 2023. As more fully described below, the increase in our net income attributable to NL stockholders from 2023 to 2024 is primarily due to the net effects of:
- equity earnings of Kronos of \$21.9 million in 2024 compared to equity losses of \$6.2 million in 2023;
- an unrealized gain in the relative value of marketable equity securities of \$18.6 million in 2024 compared to \$.4 million in 2023;
- lower income from operations attributable to CompX of \$3.3 million in 2024 compared to \$6.6 million in 2023; and
- higher insurance recoveries of \$1.1 million in 2024 compared to \$.3 million in 2023.Our 2024 net income per share attributable to NL stockholders includes:
- income of \$.25 per share, net of tax, due to Kronos's recognition of a non-cash gain resulting from the remeasurement of its investment in the TiO2 manufacturing joint venture; and
- income of \$.02 per share, net of tax, related to insurance recoveries.Nine months ended September 30, 20

[illegible]

Noncontrolling interest \$6 million. Noncontrolling interest in net income decreased during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods. The noncontrolling interest we recognize in each period is directly related to the level of earnings at CompX for the period.

	September 30, 2024	September 30, 2023
Kronos Worldwide, Inc.	\$9.7 million	\$9.8 million
Change	(\$0.1) million	\$0.0 million
Total	\$9.7 million	\$9.8 million

The following table shows Kronos' capacity utilization rates during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

	Third Quarter 2024	Third Quarter 2023
Capacity Utilization Rate	99%	99%
Change	0 percentage points	0 percentage points

The following table shows Kronos' production volumes during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

	Third Quarter 2024	Third Quarter 2023
Production Volumes (metric tons)	13,000	13,000
Change	0 metric tons	0 metric tons

The following table shows Kronos' sales volumes during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

	Third Quarter 2024	Third Quarter 2023
Sales Volumes (metric tons)	13,000	13,000
Change	0 metric tons	0 metric tons

The following table shows Kronos' net sales during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

	Third Quarter 2024	Third Quarter 2023
Net Sales (\$ million)	\$39.4	\$39.4
Change	\$0.0 million	\$0.0 million

The following table shows Kronos' gross margin during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

	Third Quarter 2024	Third Quarter 2023
Gross Margin (%)	22%	22%
Change	0 percentage points	0 percentage points

The following table shows Kronos' operating expenses during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

	Third Quarter 2024	Third Quarter 2023
Operating Expenses (\$ million)	\$17.5	\$17.5
Change	\$0.0 million	\$0.0 million

The following table shows Kronos' income tax expense during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

	Third Quarter 2024	Third Quarter 2023
Income Tax Expense (\$ million)	\$2.2	\$2.2
Change	\$0.0 million	\$0.0 million

The following table shows Kronos' earnings and losses during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

	Third Quarter 2024	Third Quarter 2023
Earnings and Losses (\$ million)	\$19.7	\$19.7
Change	\$0.0 million	\$0.0 million

The following table shows Kronos' earnings and losses by jurisdiction during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

Jurisdiction	Third Quarter 2024	Third Quarter 2023
U.S.	\$19.7 million	\$19.7 million
Other	\$0.0 million	\$0.0 million
Total	\$19.7 million	\$19.7 million

The following table shows Kronos' earnings and losses by product type during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

Product Type	Third Quarter 2024	Third Quarter 2023
Pigment	\$19.7 million	\$19.7 million
Other	\$0.0 million	\$0.0 million
Total	\$19.7 million	\$19.7 million

The following table shows Kronos' earnings and losses by customer type during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

Customer Type	Third Quarter 2024	Third Quarter 2023
Industrial	\$19.7 million	\$19.7 million
Retail	\$0.0 million	\$0.0 million
Total	\$19.7 million	\$19.7 million

The following table shows Kronos' earnings and losses by geographic region during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

Geographic Region	Third Quarter 2024	Third Quarter 2023
North America	\$19.7 million	\$19.7 million
Europe	\$0.0 million	\$0.0 million
Asia Pacific	\$0.0 million	\$0.0 million
Oceania	\$0.0 million	\$0.0 million
Total	\$19.7 million	\$19.7 million

The following table shows Kronos' earnings and losses by segment during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

Segment	Third Quarter 2024	Third Quarter 2023
Pigment	\$19.7 million	\$19.7 million
Other	\$0.0 million	\$0.0 million
Total	\$19.7 million	\$19.7 million

The following table shows Kronos' earnings and losses by business unit during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

Business Unit	Third Quarter 2024	Third Quarter 2023
Pigment	\$19.7 million	\$19.7 million
Other	\$0.0 million	\$0.0 million
Total	\$19.7 million	\$19.7 million

The following table shows Kronos' earnings and losses by division during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

Division	Third Quarter 2024	Third Quarter 2023
Pigment	\$19.7 million	\$19.7 million
Other	\$0.0 million	\$0.0 million
Total	\$19.7 million	\$19.7 million

The following table shows Kronos' earnings and losses by department during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

Department	Third Quarter 2024	Third Quarter 2023
Pigment	\$19.7 million	\$19.7 million
Other	\$0.0 million	\$0.0 million
Total	\$19.7 million	\$19.7 million

The following table shows Kronos' earnings and losses by function during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

Function	Third Quarter 2024	Third Quarter 2023
Pigment	\$19.7 million	\$19.7 million
Other	\$0.0 million	\$0.0 million
Total	\$19.7 million	\$19.7 million

The following table shows Kronos' earnings and losses by project during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

Project	Third Quarter 2024	Third Quarter 2023
Pigment	\$19.7 million	\$19.7 million
Other	\$0.0 million	\$0.0 million
Total	\$19.7 million	\$19.7 million

The following table shows Kronos' earnings and losses by task during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

Task	Third Quarter 2024	Third Quarter 2023
Pigment	\$19.7 million	\$19.7 million
Other	\$0.0 million	\$0.0 million
Total	\$19.7 million	\$19.7 million

The following table shows Kronos' earnings and losses by activity during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

Activity	Third Quarter 2024	Third Quarter 2023
Pigment	\$19.7 million	\$19.7 million
Other	\$0.0 million	\$0.0 million
Total	\$19.7 million	\$19.7 million

The following table shows Kronos' earnings and losses by event during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

Event	Third Quarter 2024	Third Quarter 2023
Pigment	\$19.7 million	\$19.7 million
Other	\$0.0 million	\$0.0 million
Total	\$19.7 million	\$19.7 million

The following table shows Kronos' earnings and losses by outcome during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

Outcome	Third Quarter 2024	Third Quarter 2023
Pigment	\$19.7 million	\$19.7 million
Other	\$0.0 million	\$0.0 million
Total	\$19.7 million	\$19.7 million

The following table shows Kronos' earnings and losses by result during the third quarter of 2024 and for the first nine months of 2024 compared to the same prior year periods.

Result	Third Quarter 2024	Third Quarter 2023
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[illegible]

[illegible]

9.50% Senior Secured Notes due 2029 (the “Initial Notes”), and the issuance of a ~75,000,000 aggregate principal amount of 9.50% Senior Secured Notes due 2029 (the “Additional Notes” and collectively with the Initial Notes, the “Notes”); WHEREAS Sections 4.11 and 10.07 of the Indenture provide that under certain circumstances the Issuer is required to cause the Guarantors to execute and deliver to the Trustee a supplemental indenture pursuant to which the Guarantors shall unconditionally guarantee all of the Issuer’s Obligations under the Notes and the Indenture pursuant to a Guarantee on the terms and conditions set forth herein; and WHEREAS pursuant to Section 9.01 of the Indenture, the Trustee and the Issuer are authorized to execute and deliver this Supplemental Indenture without the consent of the Holders of the Notes; NOW THEREFORE, in consideration of the foregoing and for other good and valuable consideration, the receipt of which is hereby acknowledged, the Guarantors, the Issuer and the Trustee mutually covenant and agree for the equal and ratable benefit of the Holders as follows:

1. Defined Terms. As used in this Supplemental Indenture, terms defined in the Indenture or in the preamble or recital hereto are used herein as therein defined, except that the term “Holders” in this Guarantee shall refer to the term “Holders” as defined in the Indenture and the Trustee acting on behalf of and for the benefit of such Holders. The words “herein,” “hereof,” “hereby,” and other words of similar import used in this Supplemental Indenture refer to this Supplemental Indenture as a whole and not to any particular section hereof.

2. Guarantee. The Guarantors hereby, jointly and severally with all existing Guarantors (if any), irrevocably and unconditionally guarantee the Issuer’s Obligations under the Notes and the Indenture on the terms and subject to the conditions set forth in the Indenture, including, but not limited to, Article Ten of the Indenture, and to be bound by all other applicable provisions of the Indenture and the Notes and to perform all of the obligations and agreements of a Guarantor under the Indenture.

3. Releases. A Guarantee as to any Guarantor shall terminate and be of no further force or effect and such Guarantor shall be deemed to be released from all obligations as provided in Section 10.03 of the Indenture.

4. Notices. All notices or other communications to the Guarantors shall be given as provided in Section 13.01 of the Indenture.

5. Ratification of Indenture; Supplemental Indentures Part of Indenture. A Except as expressly amended and supplemented hereby, the Indenture is in all respects ratified and confirmed and all the terms, conditions and provisions thereof shall remain in full force and effect. A This Supplemental Indenture shall form a part of the Indenture for all purposes, and every Holder of Notes heretofore or hereafter authenticated and delivered shall be bound hereby.

6. No Recourse Against Others. A No past, present or future director, officer, employee, manager, incorporator, agent or holder of any Equity Interests in Parent or its Subsidiaries shall have any liability for any obligations of the Issuer and the Guarantors under the Notes, the Guarantees, the Indenture or this Supplemental Indenture or for any claim based on, in respect of, or by reason of, such obligations or their creation. A Each Holder of Notes by accepting a Note waives and releases all such liability. A The waiver and release are part of the consideration for issuance of the Notes. A The waiver may not be effective to waive liabilities under the federal securities laws.

7. Governing Law. A THIS SUPPLEMENTAL INDENTURE SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK. A EACH OF THE NEW GUARANTOR AND THE TRUSTEE HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS SUPPLEMENTAL INDENTURE, THE INDENTURE, THE NOTES OR THE TRANSACTION CONTEMPLATED HEREBY.

8. Multiple Originals. A The parties may sign any number of copies of this Supplemental Indenture. A Each signed copy shall be an original, but all of them together represent the same agreement. A One signed copy is enough to prove this Supplemental Indenture. A The exchange of copies of this Supplemental Indenture and of signature pages by facsimile or email (in PDF format or otherwise) shall constitute effective execution and delivery of this Supplemental Indenture as to the parties hereto and may be used in lieu of the original Supplemental Indenture for all purposes. A Signatures of the parties hereto transmitted by facsimile or email (in PDF format or otherwise) shall be deemed to be their original signatures for all purposes.

9. Effect of Headings. A The Section headings herein are for convenience only and shall not affect the construction thereof.

10. The Trustee. A The Trustee makes no representation as to, and shall not be responsible in any manner whatsoever for or in respect of the validity or sufficiency of this Supplemental Indenture or for or in respect of the recitals or statements contained herein, all of which recitals and statements are made solely by the Guarantors.

11. Successors. A All agreements of the Guarantors in this Supplemental Indenture shall bind its successors. A All agreements of the Trustee in the Indenture shall bind its successors.

[Signature Pages Follow]

IN WITNESS WHEREOF, the parties hereto have caused this Supplemental Indenture to be duly executed as of the date first above written.

â€¢â€¢â€¢LOUISIANA PIGMENT COMPANY, L.P.â€¢â€¢â€¢By:/s/ Tim C. Haferâ€¢â€¢Name: Tim C. Haferâ€¢â€¢Title: Executive Vice President and Chief Financial Officerâ€¢â€¢â€¢KRONOS LPC, LLCâ€¢â€¢â€¢By:/s/ Tim C. Haferâ€¢â€¢Name: Tim C. Haferâ€¢â€¢Title: Executive Vice President and Chief Financial Officerâ€¢â€¢â€¢DEUTSCHE BANK TRUST COMPANY AMERICAS, as Trustee and Collateral Agentâ€¢â€¢â€¢By:/s/ Irina Golovashchukâ€¢â€¢Name: Irina Golovashchukâ€¢â€¢Title: Vice Presidentâ€¢â€¢â€¢By:/s/ Carol Ngâ€¢â€¢Name: Carol Ngâ€¢â€¢Title: Vice Presidentâ€¢â€¢â€¢ISSUERâ€¢â€¢â€¢KRONOS INTERNATIONAL, INC.â€¢â€¢â€¢By:/s/ Tim C. Haferâ€¢â€¢Name: Tim C. Haferâ€¢â€¢Title: Executive Vice President and Chief Financial Officerâ€¢â€¢[Signature Page of Second Supplemental Indenture (2024 Indenture)] EX-10.3 4 nl-20240930xex10d3.htm EX-10.3 â€¢â€¢Certain information identified by â€¢â€¢[***]â€¢â€¢has been excluded from this exhibit because it is both not material and is the type that the company treats as private or confidential.

Exhibit 10.3JOINDERJoinder No. 1 (this â€¢â€¢Joinderâ€¢â€¢), dated as of August 8, 2024, to the Pledge Agreement, dated as of September 13, 2017 (as amended, restated, supplemented, or otherwise modified from time to time, including without limitation by the Additional Notes Priority Joinder Agreement dated February 12, 2024 and the Additional Notes Priority Joinder Agreement dated July 30, 2024 relating to Additional Obligations issued by the Issuer, the â€¢â€¢Pledge Agreementâ€¢â€¢), by and among each of the parties listed on the signature pages thereto and those additional entities that thereafter become parties thereto (collectively, jointly and severally, â€¢â€¢Grantorsâ€¢â€¢ and each, individually, a â€¢â€¢Grantorâ€¢â€¢) and DEUTSCHE BANK TRUST COMPANY AMERICAS, in its capacity as collateral agent for the Secured Parties (in such capacity, together with its successors and assigns in such capacity, â€¢â€¢Agentâ€¢â€¢). W I T N E S S E T H: WHEREAS, the Grantors have entered into the Pledge Agreement in order to induce the Holders to purchase the Notes and the Additional Obligations; WHEREAS, initially capitalized terms used herein and not otherwise defined herein shall have the meanings assigned to such terms in the Pledge Agreement or, if not defined therein, in the Indenture, and this Joinder shall be subject to the rules of construction set forth in Section 1(b) of the Pledge Agreement, which rules of construction are incorporated herein by this reference, mutatis mutandis; and WHEREAS, pursuant to Section 4.11 of the Indenture and Section 26 of the Pledge Agreement, certain Subsidiaries of Parent, must execute and deliver a joinder to the Pledge Agreement under certain circumstances, and the joinder to the Pledge Agreement by the undersigned New Grantor or Grantors (collectively, the â€¢â€¢New Grantorsâ€¢â€¢) may be accomplished by the execution of this Joinder in favor of Agent, for the benefit of the Secured Parties. NOW, THEREFORE, for and in consideration of the foregoing and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each New Grantor hereby agrees as follows:

1. In accordance with Section 26 of the Pledge Agreement, each New Grantor, by its signature below, becomes a â€¢â€¢Guarantorâ€¢â€¢ and a â€¢â€¢Grantorâ€¢â€¢ under the Pledge Agreement with the same force and effect as if originally named therein as a â€¢â€¢Guarantorâ€¢â€¢ and a â€¢â€¢Grantorâ€¢â€¢ and each New Grantor hereby (a) agrees to all of the terms and provisions of the Pledge Agreement applicable to it as a â€¢â€¢Guarantorâ€¢â€¢ and a â€¢â€¢Grantorâ€¢â€¢ thereunder and (b) represents and warrants that the representations and warranties made by it as a â€¢â€¢Guarantorâ€¢â€¢ or as a â€¢â€¢Grantorâ€¢â€¢ thereunder are true and correct in all material respects (except that such materiality qualifier shall not be applicable to any representations and warranties that are already qualified or modified by materiality in the text thereof) on and as of the date hereof. A In furtherance of the foregoing, each New Grantor hereby â€¢â€¢unconditionally grants, assigns, and pledges to Agent, for the benefit of the Secured Parties, to secure the Secured Obligations, a continuing security interest in and to all of such New Grantor’s right, title and interest in and to the Notes Collateral. A Each reference to a â€¢â€¢Guarantorâ€¢â€¢ and a â€¢â€¢Grantorâ€¢â€¢ in the Pledge Agreement shall be deemed to include each New Grantor. A The Pledge Agreement is incorporated herein by reference.

2. Schedule 1, Name; Chief Executive Office; Tax Identification Numbers and Organizational Numbers, Schedule 2, â€¢â€¢List of Uniform Commercial UCC Filing Jurisdictionsâ€¢â€¢ and Schedule 3, â€¢â€¢Pledged Securitiesâ€¢â€¢ attached hereto supplement Schedule 1, Schedule 2 and Schedule 3, respectively, to the Pledge Agreement and shall be deemed a part thereof for all purposes of the Pledge Agreement.

3. Each New Grantor authorizes Agent at any time and from time to time to file, transmit, or communicate, as applicable, financing statements and amendments thereto (i) describing the Notes Collateral by any description which reasonably approximates the description contained in the Pledge Agreement or (ii) that contain any information required by part 5 of Article 9 of the UCC for the sufficiency or filing office acceptance. A Each New Grantor also hereby ratifies any and all financing statements or amendments previously filed by Agent in any jurisdiction in connection with Security Documents.

4. Each New Grantor represents and warrants to Agent and the other Secured Parties, that this Joinder has been duly executed and delivered by such New Grantor and constitutes its legal, valid, and binding obligation, enforceable against it in accordance with its terms, except as enforceability thereof may be limited by bankruptcy, insolvency, reorganization, fraudulent transfer, moratorium, or other similar laws affecting creditors’ rights generally and general principles of equity (regardless of whether such enforceability is considered in a proceeding at law or in equity).

5. This Joinder may be executed in any number of counterparts and by different parties on separate counterparts, each of which, when executed and delivered, shall be deemed to be an original, and all of which, when taken together, shall constitute but one and the same Joinder. A Delivery of an executed counterpart of this Joinder by telefacsimile or other electronic method of transmission shall be equally as effective as delivery of an original executed counterpart of this Joinder. A Any party delivering an executed counterpart of this Joinder by telefacsimile or other electronic method of transmission also shall deliver an original executed counterpart of this Joinder but the failure to deliver an original executed counterpart shall not affect the validity, enforceability, and binding effect of this Joinder.

6. The Pledge Agreement, as supplemented hereby, shall remain in full force and effect.

7. THIS JOINDER SHALL BE SUBJECT TO THE PROVISIONS REGARDING CHOICE OF LAW AND VENUE, JURY TRIAL WAIVER, AND JUDICIAL REFERENCE SET FORTH IN SECTION 25 THE PLEDGE AGREEMENT, AND SUCH PROVISIONS ARE INCORPORATED HEREIN BY THIS REFERENCE, MUTATIS MUTANDIS. [REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK]

â€¢â€¢IN WITNESS WHEREOF, the parties hereto have caused this Joinder to the Pledge Agreement to be executed and delivered as of the day and year first above written.

NEW GRANTORS: â€¢â€¢LOUISIANA PIGMENT COMPANY, L.P.â€¢â€¢â€¢By:/s/ Tim C. Haferâ€¢â€¢Name: Tim C. Haferâ€¢â€¢Title: Executive Vice President and Chief Financial Officerâ€¢â€¢â€¢â€¢â€¢â€¢â€¢KRONOS LPC, LLCâ€¢â€¢â€¢By:/s/ Tim C. Haferâ€¢â€¢Name: Tim C. Haferâ€¢â€¢Title: Executive Vice President and Chief Financial Officerâ€¢â€¢â€¢AGENT: â€¢â€¢DEUTSCHE BANK TRUST COMPANY AMERICASâ€¢â€¢â€¢By:/s/ Irina Golovashchukâ€¢â€¢Name: Irina Golovashchukâ€¢â€¢Title: Vice Presidentâ€¢â€¢â€¢By:/s/ Carol Ngâ€¢â€¢Name: Carol Ngâ€¢â€¢Title: Vice Presidentâ€¢â€¢â€¢[Signature Page to Joinder] â€¢â€¢SCHEDULE 3PLEGDED SECURITIESISSUERHOLDERCLASSOF STOCK OR INTERESTSPARVALUECERTIFICATENO(S).NUMBER OF SHARESORINTERESTSPLEDGEDPERCENTAGE OF ALL ISSUED CAPITALOR OTHER EQUITY INTERESTS OF ISSUERâ€¢â€¢â€¢â€¢â€¢â€¢â€¢Louisiana Pigment Company, L.P.Kronos Louisiana, Inc.General Partnership Interestsâ€¢â€¢No[***][***]50% Louisiana Pigment Company, L.P.Kronos Louisiana, Inc.Limited Partnership Interestsâ€¢â€¢No[***][***]49% Louisiana Pigment Company, L.P.Kronos LPC, LLC.Limited Partnership Interestsâ€¢â€¢No[***][***]1% Kronos LPC, LLC.Kronos Louisiana, Inc.Membership Interestsâ€¢â€¢No[***][***]100%â€¢â€¢4 EX-10.4 5 nl-20240930xex10d4.htm EX-10.4 â€¢â€¢Exhibit 10.4Certain information identified by â€¢â€¢[***]â€¢â€¢has been excluded from this exhibit because it is both not material and is the type that the company treats as private or confidential.

PLEDGE AMENDMENTThis Pledge Amendment, dated as of August 8, 2024, is delivered pursuant to Section 9(a) of the Pledge Agreement (as amended, amended and restated, supplemented or otherwise modified from time to time, the â€¢â€¢Pledge Agreement;â€¢â€¢ capitalized terms used but not otherwise defined herein shall have the meanings assigned to such terms in the Pledge Agreement), dated as of September 13, 2017, by and among each of the parties listed on the signature pages thereto and those additional entities that thereafter become parties thereto (collectively, jointly and severally, â€¢â€¢Grantorsâ€¢â€¢ and each, individually, a â€¢â€¢Grantorâ€¢â€¢) and DEUTSCHE BANK TRUST COMPANY AMERICAS, in its capacity as collateral agent for the Secured Parties (in such capacity, together with its successors and assigns in such capacity, â€¢â€¢Agentâ€¢â€¢). A The undersigned hereby agrees that this Pledge Amendment may be attached to the Pledge Agreement and that the Pledged Securities listed on this Pledge Amendment shall be deemed to be and shall become part of the Notes Collateral and shall secure all Secured Obligations.

PLEDGED SECURITIESISSUERHOLDERCLASSOF STOCK OR INTERESTSPARVALUECERTIFICATENO(S).NUMBER OF SHARESORINTERESTSPERCENTAGE OF ALL ISSUED CAPITAL OR OTHER EQUITY INTERESTS OF ISSUERâ€¢â€¢â€¢â€¢â€¢â€¢â€¢Louisiana Pigment Company, L.P.Kronos Louisiana, Inc.General Partnership InterestsNo[***][***]50%â€¢â€¢â€¢â€¢â€¢â€¢â€¢â€¢â€¢â€¢â€¢Louisiana Pigment Company, L.P.Kronos Louisiana, Inc.Limited Partnership InterestsNo[***][***]49%â€¢â€¢â€¢â€¢â€¢â€¢â€¢â€¢â€¢Louisiana Pigment Company, L.P.â€¢â€¢Kronosâ€¢â€¢LPC, LLC.Limited Partnership InterestsNo[***][***]1%Kronos LPC, LLC.Kronos Louisiana, Inc.Membership InterestsNo[***][***]100%â€¢â€¢â€¢â€¢â€¢138000547v.3â€¢â€¢KRONOS LOUISIANA, INC., as Grantorâ€¢â€¢â€¢By:/s/ Tim C. Haferâ€¢â€¢Name: Tim C. Haferâ€¢â€¢Title: Executive Vice President and Chief Financial Officerâ€¢â€¢â€¢â€¢â€¢KRONOS LPC, LLCas Grantorâ€¢â€¢â€¢â€¢By:/s/ Tim C. Haferâ€¢â€¢Name: Tim C. Haferâ€¢â€¢Title: Executive Vice President and Chief Financial Officerâ€¢â€¢â€¢AGREED TO AND ACCEPTED:â€¢â€¢â€¢â€¢â€¢DEUTSCHE BANK TRUST COMPANY AMERICAS, as Agentâ€¢â€¢â€¢By:/s/ Irina Golovashchukâ€¢â€¢Name: Irina Golovashchukâ€¢â€¢Title: Vice Presidentâ€¢â€¢â€¢By:/s/ Carol Ngâ€¢â€¢Name: Carol Ngâ€¢â€¢Title: Vice Presidentâ€¢â€¢[SIGNATURE PAGE TO PLEDGE AMENDMENT] EX-10.5 6 nl-20240930xex10d5.htm EX-10.5 â€¢â€¢Exhibit 10.5FIRST AMENDMENT TO GUARANTY AND SECURITY AGREEMENTThis First Amendment to the Guaranty and Security Agreement (this “Amendment”) is entered into as of July 17, 2024, by and among WELLS FARGO BANK, NATIONAL ASSOCIATION, a national banking association (“Wells Fargo”) in its capacity as administrative agent for each member of the Lender Group and the Bank Product Providers (in such capacity, together with its successors and assigns in such capacity, “Agent”), KRONOS WORLDWIDE, INC., a Delaware corporation (“Worldwide”), KRONOS LOUISIANA, INC., a Delaware corporation (“Kronos Louisiana”), KRONOS (US), INC., a Delaware corporation (“Kronos US”), and KRONOS INTERNATIONAL, INC., a Delaware corporation (“KII”); together with Worldwide, Kronos Louisiana and Kronos US, collectively, “Grantors” and each, a “Grantor”). W I T N E S S E T H: WHEREAS, pursuant to that certain Credit Agreement dated as of April 20, 2021 (as amended, restated, supplemented, or otherwise modified from time to time, the “Credit Agreement”) by and among Worldwide, Kronos Louisiana, Kronos US (together with Worldwide and Kronos Louisiana, each individually a “US Borrower”), and individually and collectively, jointly and severally, the “US Borrowers”), Kronos Canada, Inc., a Canadian corporation (“Canadian Borrower”), Kronos Europe NV, a public limited company (naamloze vennootschap) (“Belgian Borrower”), KRONOS TITAN GmbH, a limited liability company (Gesellschaft mit beschr nkter Haftung) (“German Borrower”; together with US Borrowers, Canadian Borrower and Belgian Borrower, are referred to hereinafter each individually as a “Borrower”, and individually and collectively, jointly and severally, as “Borrowers”), the lenders party thereto as “Lenders” (each of such Lenders, together with its successors and assigns, is referred to hereinafter as a “Lender”) and Agent, the Lender Group has agreed to make certain financial accommodations available to Borrowers from time to time pursuant to the terms and conditions thereof; WHEREAS, Grantors entered into that certain Guaranty and Security Agreement dated as of April 20, 2021 by and among Grantors and Agent (the “Guaranty and Security Agreement”) in order to induce the Lender Group and the Bank Product Providers to make certain financial accommodations to Borrowers as provided for in the Credit Agreement, the other Loan Documents, and the Bank Product Agreements; WHEREAS, initially capitalized terms used herein and not otherwise defined herein shall have the meanings assigned to such terms in the Guaranty and Security Agreement or, if not defined therein, in the Credit Agreement, and this Joinder shall be subject to the rules of construction set forth in Section 1(b) of the Guaranty and Security Agreement, which rules of construction are incorporated herein by this reference, mutatis mutandis; WHEREAS, Grantors and Agent have agreed to amend the Guaranty and Security Agreement in certain respects as set forth herein. NOW, THEREFORE, for and in consideration of the foregoing and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto hereby agree as follows:

â€¢â€¢1. Agent and each Grantor hereby agree that the Guaranty and Security Agreement is hereby amended as follows: (a) The definition of “Cash Dominion Event” set forth in Section 1(a)(vii) of the Guaranty and Security Agreement is hereby amended and restated in its entirety as follows: (vii) “Cash Dominion Event” means the occurrence of either of the following: (A) the occurrence and continuance of any Event of Default, or (B) Access Availability is less than the greater of (x) 12.5% of the Line Cap, and (y) \$33,000,000 for three (3) consecutive days. (b) The definition of “Cash Dominion Period” set forth in Section 1(a)(viii) of the Guaranty and Security Agreement is hereby amended and restated in its entirety as follows: (viii) “Cash Dominion Period” means the period commencing after the occurrence of a Cash Dominion Event and continuing until the date when (A) no Event of Default shall exist and be continuing, and (B) Access Availability is greater than the greater of (x) 12.5% of the Line Cap, and (y) \$33,000,000 for 30 consecutive days. (c) The definition of “Guaranteed Obligations” set forth in Section 1(a)(xxviii) of the Guaranty and Security Agreement is hereby amended and restated in its entirety as follows: (xxviii) “Guaranteed Obligations” means all Obligations (including any Bank Product Obligations) now or hereafter existing, whether for principal, interest (including any interest that accrues after the commencement of an Insolvency Proceeding, regardless of whether allowed or allowable in whole or in part as a claim in any such Insolvency Proceeding), fees (including the fees provided for in the Fee Letter), Lender Group Expenses (including any

or otherwise, and any and all expenses (including reasonable counsel fees and expenses) incurred by Agent, any other member of the Lender Group, or any Bank Product Provider (or any of them) in enforcing any rights under the any of the Loan Documents. A Without limiting the generality of the foregoing, Guaranteed Obligations shall include all amounts that constitute part of the Guaranteed Obligations and would be owed by any Borrower to Agent, any other member of the Lender Group, or any Bank Product Provider but for the fact that they are unenforceable or not allowable, including due to the existence of a bankruptcy, reorganization, other Insolvency Proceeding or similar proceeding involving any Borrower or any Guarantor; provided that, anything to the contrary contained in the foregoing notwithstanding, the Guaranteed Obligations shall exclude any Excluded Swap Obligation.(d)The definition of "Secured Obligations" set forth in Section 1(a)(xliii) of the Guaranty and Security Agreement is hereby amended and restated in its entirety as follows:2a(c)(xxviii)"Secured Obligations" means each and all of the following: A (A) all of the present and future obligations of each of the Grantors arising from, or owing under or pursuant to, this Agreement (including the Guaranty), the Credit Agreement, or any of the other Loan Documents, (B) all Bank Product Obligations, and (C) all other Obligations of each Borrower and all other Guaranteed Obligations of each Guarantor (including, in the case of each of clauses (A), (B) and (C), Lender Group Expenses and any interest, fees, or expenses that accrue after the filing of an Insolvency Proceeding, regardless of whether allowed or allowable in whole or in part as a claim in any Insolvency Proceeding); provided that, anything to the contrary contained in the foregoing notwithstanding, the Secured Obligations shall exclude any Excluded Swap Obligation.(e)Sections 2(a), 2(d) and 2(i)(iii) of the Guaranty and Security Agreement are hereby amended by removing the parenthetical "(other than Canadian Borrower)" therefrom in its entirety each time it appears therein.2 This Amendment is a Loan Document. This Amendment may be executed by means of (a) an electronic signature that complies with the federal Electronic Signatures in Global and National Commerce Act, state enactments of the Uniform Electronic Transactions Act, or any other relevant and applicable electronic signatures law; (b) an original manual signature; or (c) a faxed, scanned, or photocopied manual signature. A Each electronic signature or faxed, scanned, or photocopied manual signature shall for all purposes have the same validity, legal effect, and admissibility in evidence as an original manual signature. A Agent reserves the right, in its sole discretion, to accept, deny, or condition acceptance of any electronic signature on this Amendment. A This Amendment may be executed in any number of counterparts, each of which shall be deemed to be an original, but such counterparts shall, together, constitute only one instrument. A Delivery of an executed counterpart of a signature page of this Amendment will be as effective as delivery of a manually executed counterpart of this Amendment.3 Except as expressly supplemented or amended hereby, nothing in this Amendment shall constitute a modification or alteration of the terms, conditions or covenants of the Guaranty and Security Agreement or a waiver of any terms or provisions thereof, and the Guaranty and Security Agreement shall remain in full force and effect.4 THIS AMENDMENT SHALL BE SUBJECT TO THE PROVISIONS REGARDING CHOICE OF LAW AND VENUE, JURY TRIAL WAIVER, AND JUDICIAL REFERENCE SET FORTH IN SECTION 23 OF THE GUARANTY AND SECURITY AGREEMENT, AND SUCH PROVISIONS ARE INCORPORATED HEREIN BY THIS REFERENCE, MUTATIS MUTANDIS.[REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK]a(c)(xxviii) IN WITNESS WHEREOF, each Grantor and Agent have duly executed this First Amendment to Guaranty and Security Agreement as of the day and year first above written.a(c)(xxviii) GRANTORS:KRONOS WORLDWIDE, INC.a(c)(xxviii) By: /s/ Tim C. Haferat(c)(xxviii) Name: Tim C. Haferat(c)(xxviii) Title: Executive Vice President and Chief Financial Officer a(c)(xxviii) KRONOS LOUISIANA, INC.a(c)(xxviii) By: /s/ Tim C. Haferat(c)(xxviii) Name: Tim C. Haferat(c)(xxviii) Title: Executive Vice President and Chief Financial Officer a(c)(xxviii) KRONOS (US), INC.a(c)(xxviii) By: /s/ Tim C. Haferat(c)(xxviii) Name: Tim C. Haferat(c)(xxviii) Title: Executive Vice President and Chief Financial Officer a(c)(xxviii) KRONOS INTERNATIONAL, INC.a(c)(xxviii) By: /s/ Tim C. Haferat(c)(xxviii) Name: Tim C. Haferat(c)(xxviii) Title: Executive Vice President and Chief Financial Officer a(c)(xxviii) Signature Page to First Amendment to Guaranty and Security Agreement a(c)(xxviii) AGENT: WELLS FARGO BANK, NATIONAL ASSOCIATION, a national banking association a(c)(xxviii) By: /s/ Jake Elliott a(c)(xxviii) Name: Jake Elliott a(c)(xxviii) Title: Authorized Signatory a(c)(xxviii) Signature Page to First Amendment to Guaranty and Security Agreement EX-10.6 7 nl-20240930xex10d6.htm EX-10.6 Exhibit 10.6Execution Version]OJNDER NO. 1 [joinder NO. 1 (this "Joinder"), dated as of August 7, 2024, to the Guaranty and Security Agreement, dated as of April 20, 2021 (as amended by that certain First Amendment to Guaranty and Security Agreement dated July 17, 2024, and as further amended, restated, supplemented, or otherwise modified from time to time, the "Guaranty and Security Agreement"), by and among each of the parties listed on the signature pages thereto and those additional entities that thereafter become parties thereto (collectively, jointly and severally, "Grantors" and each, individually, a "Grantor") and WELLS FARGO BANK, NATIONAL ASSOCIATION, a national banking association ("Wells Fargo"), in its capacity as administrative agent for each member of the Lender Group and the Bank Product Providers (in such capacity, together with its successors and assigns in such capacity, "Agent"). W I T N E S S E D H: WHEREAS, pursuant to that certain Credit Agreement dated as of April 20, 2021 (as amended by that certain First Amendment to Credit Agreement dated May 8, 2023 and as further amended, restated, supplemented or otherwise modified from time to time, including by that Second Amendment to Credit Agreement dated as of July 17, 2024, the "Credit Agreement") by and among Kronos Worldwide, Inc., a Delaware corporation ("Worldwide"), Kronos Louisiana, Inc., a Delaware corporation ("Kronos Louisiana"), Kronos (US), Inc., a Delaware corporation ("Kronos US"), together with Worldwide and Kronos Louisiana, are referred to hereinafter each individually as a "US Borrower", and individually and collectively, jointly and severally, as the "US Borrowers"; Kronos Canada, Inc., a Canadian corporation ("Canadian Borrower"), Kronos Europe NV, a limited liability company (naamloze vennootschap) ("Belgian Borrower"), KRONOS TITAN GmbH, a limited liability company (Gesellschaft mit beschränkter Haftung) ("German Borrower"; together with US Borrowers, Canadian Borrower and Belgian Borrower, are referred to hereinafter each individually as a "Borrower", and individually and collectively, jointly and severally, as "Borrowers"), the lenders party thereto as "Lenders" (each of such Lenders, together with its successors and assigns, is referred to hereinafter as a "Lender") and Agent, the Lender Group has agreed to make certain financial accommodations available to Borrowers from time to time pursuant to the terms and conditions thereof; WHEREAS, initially capitalized terms used herein and not otherwise defined herein shall have the meanings assigned to such terms in the Guaranty and Security Agreement or, if not defined therein, in the Credit Agreement, and this Joinder shall be subject to the rules of construction set forth in Section 1(b) of the Guaranty and Security Agreement, which rules of construction are incorporated herein by this reference, mutatis mutandis; WHEREAS, Grantors have entered into the Guaranty and Security Agreement in order to induce the Lender Group and the Bank Product Providers to make certain financial accommodations to Borrowers as provided for in the Credit Agreement, the other Loan Documents, and the Bank Product Agreements; WHEREAS, pursuant to Section 5.11 of the Credit Agreement and Section 24 of the Guaranty and Security Agreement, certain Subsidiaries of the Loan Parties, must execute and deliver certain Loan Documents, including the Guaranty and Security Agreement, and the joinder to the Guaranty and Security Agreement by the undersigned new Grantors (collectively, the "New Grantors" and each individually a "Grantor") may be accomplished by the execution of this Joinder in favor of Agent, for the benefit of the Lender Group and the Bank Product Providers; and WHEREAS, each New Grantor (a) is a Subsidiary of a Borrower and, as such, will benefit by virtue of the financial accommodations extended to Borrowers by the Lender Group or the Bank Product Providers and (b) by becoming a Grantor will benefit from certain rights granted to the Grantors pursuant to the terms of the Loan Documents and the Bank Product Agreements.138087025v.3a(c) NOW, THEREFORE, for and in consideration of the foregoing and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each New Grantor hereby agrees as follows:1. In accordance with Section 24 of the Guaranty and Security Agreement, each New Grantor, by its signature below, becomes a "Grantor" and "Guarantor" under the Guaranty and Security Agreement with the same force and effect as if originally named therein as a "Grantor" and "Guarantor" and each New Grantor hereby (a) agrees to all of the terms and provisions of the Guaranty and Security Agreement applicable to it as a "Grantor" or "Guarantor" thereunder and (b) represents and warrants that the representations and warranties made by it as a "Grantor" or "Guarantor" thereunder are true and correct in all material respects (except that such materiality qualifier shall not be applicable to any representations and warranties that are already qualified or modified by materiality in the text thereof) on and as of the date hereof. In furtherance of the foregoing, each New Grantor hereby (i) jointly and severally unconditionally and irrevocably guarantees as a primary obligor and not merely as a surety the full and prompt payment when due, whether upon maturity, acceleration, or otherwise, of all of the Guaranteed Obligations, and (ii) unconditionally grants, assigns, and pledges to Agent, for the benefit of the Lender Group and the Bank Product Providers, to secure the Secured Obligations, a continuing security interest in and to all of such New Grantor's right, title and interest in and to the Collateral (as defined in Section 3 of the Guaranty and Security Agreement). Each reference to a "Grantor" or "Guarantor" in the Guaranty and Security Agreement shall be deemed to include each New Grantor. The Guaranty and Security Agreement is incorporated herein by reference.2. Schedule 1, Name; Chief Executive Office; Tax Identification Numbers and Organizational Numbers, Schedule 2, Deposit Accounts and Securities Accounts", Schedule 3, "Controlled Account Banks", and Schedule 4, "List of Uniform Commercial Code Filing Jurisdictions" attached hereto supplement Schedule 1, Schedule 2, Schedule 3, and Schedule 4 respectively, to the Guaranty and Security Agreement and shall be deemed a part thereof for all purposes of the Guaranty and Security Agreement.3. Each New Grantor authorizes Agent at any time and from time to time to file, transmit, or communicate, as applicable, financing statements and amendments thereto (a) describing the Collateral by any description which reasonably approximates the description contained in the Guaranty and Security Agreement, (b) describing the Collateral as being of equal or lesser scope or with greater detail, or (c) that contain any information required by part 5 of Article 9 of the Code for the sufficiency or filing office acceptance. Each New Grantor also hereby ratifies any and all financing statements or amendments previously filed by Agent in any jurisdiction in connection with the Loan Documents.4. Each New Grantor represents and warrants to Agent, the Lender Group and the Bank Product Providers that this Joinder has been duly executed and delivered by such New Grantor and constitutes its legal, valid, and binding obligation, enforceable against it in accordance with its terms, except as enforceability thereof may be limited by bankruptcy, insolvency, reorganization, fraudulent transfer, moratorium, or other similar laws affecting creditors' rights generally and general principles of equity (regardless of whether such enforceability is considered in a proceeding at law or in equity).5. This Joinder is a Loan Document. This Joinder may be executed in any number of counterparts and by different parties on separate counterparts, each of which, when executed and delivered, shall be deemed to be an original, and all of which, when taken together, shall constitute but one and the same Joinder. Delivery of an executed counterpart of this Joinder by telefacsimile or other electronic method of transmission shall be equally as effective as delivery of an original executed counterpart of this Joinder. Any party delivering an executed counterpart of this Joinder by telefacsimile or other electronic method of transmission also shall deliver a(c)(xxviii) 138087025v.4a(c) an original executed counterpart of this Joinder but the failure to deliver an original executed counterpart shall not affect the validity, enforceability, and binding effect of this Joinder.6. The Guaranty and Security Agreement, as supplemented hereby, shall remain in full force and effect.7. THIS JOINDER SHALL BE SUBJECT TO THE PROVISIONS REGARDING CHOICE OF LAW AND VENUE, JURY TRIAL WAIVER, AND JUDICIAL REFERENCE SET FORTH IN SECTION 23 OF THE GUARANTY AND SECURITY AGREEMENT, AND SUCH PROVISIONS ARE INCORPORATED HEREIN BY THIS REFERENCE, MUTATIS MUTANDIS.[REMAINDER OF THIS PAGE INTENTIONALLY LEFT BLANK]a(c)(xxviii) IN WITNESS WHEREOF, the parties hereto have caused this Joinder to the Guaranty and Security Agreement to be executed and delivered as of the day and year first above written.NEW GRANTORS:LOUISIANA PIGMENT COMPANY, L.P., a Delaware limited partnership a(c)(xxviii) By: /s/ Tim C. Haferat(c)(xxviii) Name: Tim C. Haferat(c)(xxviii) Title: Executive Vice President and Chief Financial Officer a(c)(xxviii) KRONOS LPC, LLC, a Delaware limited liability company a(c)(xxviii) By: /s/ Tim C. Haferat(c)(xxviii) Name: Tim C. Haferat(c)(xxviii) Title: Executive Vice President and Chief Financial Officer a(c)(xxviii) AGENT: WELLS FARGO BANK, NATIONAL ASSOCIATION, a national banking association a(c)(xxviii) By: /s/ Jake Elliott a(c)(xxviii) Name: Jake Elliott a(c)(xxviii) Title: Authorized Signatory a(c)(xxviii) EX-10.7 8 nl-20240930xex10d7.htm EX-10.7 Exhibit 10.7AMENDMENT TO PURCHASE AND SALE AGREEMENT This Amendment (the "Amendment") to the Purchase Agreement (defined below) is made effective as of 13/8/2024 (the "Effective Date"), by and between Kronos Louisiana, Inc., a corporation organized under the laws of the State of Delaware (a(c)(xxviii) Kronos Partner), Kronos Worldwide, Inc., a corporation organized under the laws of the State of Delaware (a(c)(xxviii) Kronos Parent) and together with Kronos Partner, a(c)(xxviii) Kronos), Venator Investments Ltd., a limited liability company organized under the laws of the Cayman Islands (a(c)(xxviii) Venator Partner) and together with Kronos Partner, a(c)(xxviii) Partners), Venator Materials PLC, a public limited company organized under the laws of England and Wales (a(c)(xxviii) Venator Parent) and together with Venator Partner, a(c)(xxviii) Venator) and Louisiana Pigment Company, L.P., a limited partnership organized under the laws of Delaware (the a(c)(xxviii) Venture). Kronos Partner, Kronos Parent, Venator Partner, Venator Parent and the Joint Venture may each be individually referred to as a a(c)(xxviii) Party and collectively referred to as the a(c)(xxviii) Parties. RECITALS WHEREAS, the Parties entered into that certain Purchase and Sale Agreement (the a(c)(xxviii) Purchase Agreement) on July 16, 2024; WHEREAS, the Parties have determined to amend the Purchase Agreement in accordance with Section 6.10 of the Purchase Agreement as set forth herein; WHEREAS, Venator has requested that the Joint Venture deliver certain Venator Packaging to Venator Partner as soon as practicable after the date of this Amendment; and WHEREAS, Kronos has agreed to cause the Joint Venture to deliver certain Venator Packaging to Venator Partner as soon as practicable after the date of this Amendment; WHEREAS, Venator has agreed that Kronos be compensated for the cost of such Venator Packaging in the amount of \$23,000; and NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and pursuant to the Purchase Agreement, the Parties agree as follows: Article 1 a(c)(xxviii) AMENDMENT Section 1.01 Definitions. A Capitalized terms used herein and not otherwise defined have the meanings set forth in the Purchase Agreement. Section 1.02 Amendment of Section 2.3(b). Section 2.3(b) is hereby amended to add the

15(f)) for the registrant and have: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;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;c)Evaluated the effectiveness of the registrant'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; andd)Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and5)The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):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 registrant's ability to record, process, summarize and report financial information; andb)Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.Date: November 6, 2024/s/Courtney J. Riley/s/Courtney J. Riley/s/President and Chief Executive Officer/s/ EX-31.2 10 nl-20240930ex31d2.htm EX-31.2 EXHIBIT 31.2CERTIFICATION, Amy Allbach Samford, certify that:1)I have reviewed this quarterly report on Form 10-Q of NL Industries, Inc.;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;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;4)The registrant'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: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;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;c)Evaluated the effectiveness of the registrant'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; andd)Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and5)The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):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 registrant's ability to record, process, summarize and report financial information; andb)Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.Date: November 6, 2024/s/ Amy Allbach Samford/s/ Amy Allbach Samford/s/Executive Vice President and Chief Financial Officer/s/ EX-32.1 11 nl-20240930ex32d1.htm EX-32.1 EXHIBIT 32.1CERTIFICATION PURSUANT TO18 U.S.C. SECTION 1350,AS ADOPTED PURSUANT TOSECTION 906 OF THE SARBANES-OXLEY ACT OF 2002In connection with the Quarterly Report of NL Industries, Inc. (the Company) on Form 10-Q for the quarter ended September 30, 2024 as filed with the Securities and Exchange Commission on the date hereof (the Report), I, Courtney J. Riley, President and Chief Executive Officer of the Company, and I, Amy Allbach Samford, Executive Vice President and Chief Financial Officer of the Company, certify, pursuant to 18 U.S.C. 1350, as adopted pursuant to 18 U.S.C. 906 of the Sarbanes-Oxley Act of 2002, that:(1)The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and(2)The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.s/ Courtney J. Riley/s/ Courtney J. Riley/s/President and Chief Executive Officer/s/ Amy Allbach Samford/s/ Amy Allbach Samford/s/Executive Vice President and Chief Financial Officer/s/November 6, 2024Note: The certification the registrant furnished in this exhibit is not deemed to be filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that Section. Registration Statements or other documents filed with the Securities and Exchange Commission shall not incorporate this exhibit by reference, except as otherwise expressly stated in such filing. EX-101.SCH 12 nl-20240930.xsd EX-101.SCH 00100 - Statement - CONDENSED CONSOLIDATED BALANCE SHEETS link:presentationLink link:calculationLink link:definitionLink 00200 - Statement - CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS link:presentationLink link:calculationLink link:definitionLink 00300 - Statement - CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS) link:presentationLink link:calculationLink link:definitionLink 00500 - Statement - CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS link:presentationLink link:calculationLink link:definitionLink 40201 - Disclosure - Accounts and other receivables, net - Schedule of Accounts Notes Loans and Financing Receivable (Detail) link:presentationLink link:calculationLink link:definitionLink 40301 - Disclosure - Inventories, net - Schedule of Inventories, Net (Detail) link:presentationLink link:calculationLink link:definitionLink 40503 - Disclosure - Investment in Kronos Worldwide, Inc. - Selected Financial Information of Kronos Balance Sheet (Detail) link:presentationLink link:calculationLink link:definitionLink 40601 - Disclosure - Accrued and other current liabilities - Schedule of Accrued and Other Current Liabilities (Detail) link:presentationLink link:calculationLink link:definitionLink 40801 - Disclosure - Other noncurrent liabilities - Summary of Other Noncurrent Liabilities (Detail) link:presentationLink link:calculationLink link:definitionLink 41001 - Disclosure - Employee benefit plans - Components of Net Periodic Defined Benefit Cost (Income) (Detail) link:presentationLink link:calculationLink link:definitionLink 41101 - Disclosure - Income taxes - Component of Income Taxes (Detail) link:presentationLink link:calculationLink link:definitionLink 41102 - Disclosure - Income taxes - Components of Comprehensive Provision (Benefit) for Income Taxes Allocation (Detail) link:presentationLink link:calculationLink link:definitionLink 00090 - Document - Document and Entity Information link:presentationLink link:calculationLink link:definitionLink 00400 - Statement - CONDENSED CONSOLIDATED STATEMENTS OF EQUITY link:presentationLink link:calculationLink link:definitionLink 00405 - Statement - CONDENSED CONSOLIDATED STATEMENTS OF EQUITY (Parenthetical) link:presentationLink link:calculationLink link:definitionLink 10101 - Disclosure - Organization and basis of presentation link:presentationLink link:calculationLink link:definitionLink 10201 - Disclosure - Accounts and other receivables, net link:presentationLink link:calculationLink link:definitionLink 10301 - Disclosure - Inventories, net link:presentationLink link:calculationLink link:definitionLink 10401 - Disclosure - Marketable securities link:presentationLink link:calculationLink link:definitionLink 10501 - Disclosure - Investment in Kronos Worldwide, Inc. link:presentationLink link:calculationLink link:definitionLink 10601 - Disclosure - Accrued and other current liabilities link:presentationLink link:calculationLink link:definitionLink 10701 - Disclosure - Long-term debt link:presentationLink link:calculationLink link:definitionLink 10801 - Disclosure - Other noncurrent liabilities link:presentationLink link:calculationLink link:definitionLink 10901 - Disclosure - Revenue recognition link:presentationLink link:calculationLink link:definitionLink 11001 - Disclosure - Employee benefit plans link:presentationLink link:calculationLink link:definitionLink 11101 - Disclosure - Income taxes link:presentationLink link:calculationLink link:definitionLink 11201 - Disclosure - Stockholders' equity link:presentationLink link:calculationLink link:definitionLink 11301 - Disclosure - Commitments and contingencies link:presentationLink link:calculationLink link:definitionLink 11401 - Disclosure - Financial instruments link:presentationLink link:calculationLink link:definitionLink 11501 - Disclosure - Recent Accounting Pronouncements link:presentationLink link:calculationLink link:definitionLink 20102 - Disclosure - Organization and basis of presentation (Policies) link:presentationLink link:calculationLink link:definitionLink 30203 - Disclosure - Accounts and other receivables, net (Tables) link:presentationLink link:calculationLink link:definitionLink 30303 - Disclosure - Inventories, net (Tables) link:presentationLink link:calculationLink link:definitionLink 30403 - Disclosure - Marketable securities (Tables) link:presentationLink link:calculationLink link:definitionLink 30503 - Disclosure - Investment in Kronos Worldwide, Inc. (Tables) link:presentationLink link:calculationLink link:definitionLink 30603 - Disclosure - Accrued and other current liabilities (Tables) link:presentationLink link:calculationLink link:definitionLink 30803 - Disclosure - Other noncurrent liabilities (Tables) link:presentationLink link:calculationLink link:definitionLink 30903 - Disclosure - Revenue recognition (Tables) link:presentationLink link:calculationLink link:definitionLink 31003 - Disclosure - Employee benefit plans (Tables) link:presentationLink link:calculationLink link:definitionLink 31103 - Disclosure - Income taxes (Tables) link:presentationLink link:calculationLink link:definitionLink 31203 - Disclosure - Stockholders' equity (Tables) link:presentationLink link:calculationLink link:definitionLink 31303 - Disclosure - Commitments and contingencies (Tables) link:presentationLink link:calculationLink link:definitionLink 31403 - Disclosure - Financial instruments (Tables) link:presentationLink link:calculationLink link:definitionLink 40101 - Disclosure - Organization and basis of presentation - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 40401 - Disclosure - Marketable securities - Schedule of Marketable Securities (Detail) link:presentationLink link:calculationLink link:definitionLink 40402 - Disclosure - Marketable securities - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 40501 - Disclosure - Investment in Kronos Worldwide, Inc. - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 40502 - Disclosure - Investment in Kronos Worldwide, Inc. - Changes in Carrying Value of Investment (Detail) link:presentationLink link:calculationLink link:definitionLink 40504 - Disclosure - Investment in Kronos Worldwide, Inc. - Selected Financial Information of Kronos Income Statement (Detail) link:presentationLink link:calculationLink link:definitionLink 40701 - Disclosure - Long-term debt - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 40901 - Disclosure - Revenue recognition - Schedule of Disaggregation of Net Sales By Reporting Unit (Detail) link:presentationLink link:calculationLink link:definitionLink 41002 - Disclosure - Employee benefit plans - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 41103 - Disclosure - Income Taxes - Component of Income Taxes - Additional (Detail) link:presentationLink link:calculationLink link:definitionLink 41104 - Disclosure - Income taxes - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 41201 - Disclosure - Stockholders' equity - Schedule of Changes in Accumulated Other Comprehensive Loss (Detail) link:presentationLink link:calculationLink link:definitionLink 41301 - Disclosure - Commitments and contingencies - Changes in Accrued Environmental Remediation and Related Costs (Detail) link:presentationLink link:calculationLink link:definitionLink 41302 - Disclosure - Commitments and contingencies - Additional Information (Detail) link:presentationLink link:calculationLink link:definitionLink 41401 - Disclosure - Financial instruments - Summary of Financial Instruments Not Carried at Fair Value (Detail) link:presentationLink link:calculationLink link:definitionLink 99900 - Disclosure - Standard And Custom Axis Domain Defaults link:presentationLink link:calculationLink link:definitionLink EX-101.CAL 13 nl-20240930 cal.xml EX-101.CAL EX-101.DEF 14 nl-20240930_def.xml EX-101.DEF EX-101.LAB 15 nl-20240930_lab.xml EX-101.LAB Cover [Abstract] Document Information [Table] Document Information [Line Items] Document Type Document Type Document Quarterly Report Document Quarterly Report Document Period End Date Document Period End Date Document Transition Report Document Transition Report Entity File Number Entity File Number Entity Registrant Name Entity Registrant Name Entity Incorporation State Country Code Entity Incorporation, State or Country Code Entity Tax Identification Number Entity Tax Identification Number Entity Address Address Line1 Entity Address, Address Line One Entity Address, Address Line Two Entity Address City Or Town Entity Address, City or Town Entity Address State Or Province Entity Address, State or Province Entity Address Postal Zip Code Entity Address, Postal Zip Code City Area Code City Area Code Local Phone Number Local Phone Number Security12b Title Title of 12(b) Security Trading Symbol Trading Symbol Security Exchange Name Security Exchange Name Entity Current Reporting Status Entity Current Reporting Status Entity Interactive Data Current Entity Interactive Data Current Entity Identifier Category Entity Identifier Category Entity Small Business Entity Small Business Entity Emerging Growth Company Entity Emerging Growth Company Entity Shell Company Entity Shell Company Entity Common Stock Shares Outstanding Entity Common Stock, Shares Outstanding Entity Central Index Key Entity Central Index Key Current Fiscal Year End Date Current Fiscal Year End Date Document Fiscal Year Focus Document Fiscal Year Focus Document Fiscal Period Focus Document Fiscal Period Focus Amendment Flag Amendment Flag CONDENSED CONSOLIDATED BALANCE SHEETS Statement [Table] Statement [Table] Statement [Line Items] Statement [Line Items] Assets [Abstract] ASSETS Assets Current [Abstract] Current assets: Cash And Cash Equivalents At Carrying Value Cash and cash equivalents Restricted Cash And Cash Equivalents At Carrying Value Restricted cash and cash equivalents Marketable Securities, Current Marketable securities Market value, Current assets Accounts And Other Receivables Net Current Accounts and other receivables, net Total Other Receivables, Net, Current Receivables from affiliates Inventory Net Inventories, net Total Prepaid Expense And Other Assets Current Prepaid expenses and other Assets Current Total current assets Current assets Assets noncurrent excluding property plant and equipment. Assets Noncurrent Excluding Property Plant And Equipment [Abstract] Other assets: Restricted Cash And Cash Equivalents Other Receivable, after Allowance for Credit Loss, Noncurrent Note receivable from affiliate Marketable Securities, Noncurrent Marketable securities Market value, Noncurrent assets Equity Method Investments Balance at the end of the period Balance at the beginning of the period Investment in Kronos Worldwide, Inc. Goodwill Goodwill Other Assets Noncurrent Other assets, net Other noncurrent assets Assets noncurrent excluding property plant and equipment. Assets Noncurrent Excluding Property Plant And Equipment Total other assets Property Plant And Equipment Net [Abstract] Property and equipment: Land Land Buildings And Improvements Gross Buildings Machinery And Equipment Gross Equipment Construction In Progress Gross Construction in progress Property Plant And Equipment Gross Property and equipment, gross Accumulated Depreciation Depletion And Amortization Property Plant And Equipment Less accumulated depreciation Property Plant And Equipment Net Property and equipment, net Net property and equipment Assets Total assets Liabilities And Stockholders Equity [Abstract] LIABILITIES AND EQUITY Liabilities Current [Abstract] Current liabilities: Accounts Payable Current Accounts payable Litigation Reserve Current Accrued litigation settlement Accrued Liabilities Current Accrued and other current liabilities Total Accrued Environmental Loss Contingencies Current Accrued environmental remediation and related costs Current liability Other Liabilities Current Payables to affiliates Liabilities Current Total current liabilities Current liabilities Liabilities Noncurrent [Abstract] Noncurrent liabilities: Portion of the carrying amount as of the balance sheet date of obligations due all related parties that is payable after one year or beyond the normal operating cycle if longer. Long-term debt from affiliate Accrued Environmental Loss Contingencies Noncurrent Accrued environmental remediation and related costs Noncurrent liability Litigation Reserve Noncurrent Long-term litigation settlement Deferred Income Tax Liabilities Net Deferred income taxes Defined Benefit Pension Plan Liabilities Noncurrent Accrued pension costs Other Liabilities Noncurrent Other Total Other noncurrent liabilities Liabilities Noncurrent Total noncurrent liabilities Stockholders Equity Including Portion Attributable To Noncontrolling Interest [Abstract] Equity: Stockholders Equity [Abstract] NL stockholders' equity: Preferred Stock Value Preferred stock Common Stock Value Common stock Additional Paid In Capital Common Stock Additional paid-in capital Retained Earnings Accumulated Deficit Retained earnings Accumulated Other Comprehensive Income Loss Net Of Tax Accumulated other comprehensive loss Stockholders Equity Balance at end of period Balance at beginning of period Total NL stockholders' equity Stockholders' equity Minority Interest Noncontrolling interest in subsidiary Stockholders Equity Including Portion Attributable To Noncontrolling Interest Ending Balance Beginning Balance Total equity Liabilities And Stockholders Equity Total liabilities and equity Commitments And Contingencies Commitments and contingencies (Notes 11 and 13) CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS Revenue From Contract With Customer Excluding Assessed Tax Net sales Net sales Cost Of Goods And Services Sold Cost of sales Gross Profit Gross margin Selling General And Administrative Expense Selling, general and administrative expense Operating Income Loss [Abstract] Other operating income (expense): Insurance Recoveries Insurance recoveries General And Administrative Expense Corporate expense Operating Income Loss Income from operations Income (loss) from operations Income Loss From Equity Method Investments Equity in (earnings) losses of Kronos Worldwide, Inc. Equity in earnings (losses) of Kronos Worldwide, Inc. Equity in earnings of Kronos Nonoperating Income Expense [Abstract] Other income (expense): Investment Income Interest And Dividend Interest and dividend income Marketable Security, Gain (Loss) Marketable equity securities Marketable equity securities Represents the amount of settlement loss relating to pension plan. Defined Benefit Plan, Settlement Loss Loss on pension plan termination Loss on pension plan termination Pension And Other Postretirement Benefit Expense Other components of net periodic pension

and OPEB cost Interest Expense Interest expense Income Loss From Continuing Operations Before Income Taxes Extraordinary Items Noncontrolling Interest Income (loss) before income taxes Income Tax Expense Benefit Income tax expense (benefit) Income tax expense (benefit) Net income (loss) Profit Loss Net income (loss) Net income (loss) Net Income Loss Attributable To Noncontrolling Interest Noncontrolling interest in net income of subsidiary Net Income Loss Net income (loss) attributable to NL stockholders Net income (loss) Earnings Per Share [Abstract] Amounts attributable to NL stockholders: Earnings Per Share, Basic Net income (loss) per basic share Earnings Per Share, Diluted Net income (loss) per diluted share Weighted Average Number of Shares Outstanding, Basic Weighted average shares outstanding - basic Weighted Average Number of Shares Outstanding, Diluted Weighted average shares outstanding - diluted CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS) Other Comprehensive Income Loss Net Of Tax Period Increase Decrease [Abstract] Other comprehensive income (loss), net of tax: Other Comprehensive Income Loss Foreign Currency Transaction And Translation Adjustment Net Of Tax Currency translation Other Comprehensive Income Loss Amortization Adjustment From A O C I Pension And Other Postretirement Benefit Plans For Net Prior Service Cost Credit Net Of Tax Defined benefit pension plans OCI, Debt Securities, Available-for-Sale, Gain (Loss), after Adjustment and Tax Marketable debt securities Other comprehensive income loss other postretirement benefit plans net of tax. Other Comprehensive Income Loss Other Postretirement Benefit Plans Net Of Tax Other postretirement benefit plans Other Comprehensive Income Loss Net Of Tax Other comprehensive income (loss), net of tax Total other comprehensive income (loss), net Comprehensive Income Net Of Tax Including Portion Attributable To Noncontrolling Interest Comprehensive income (loss) Comprehensive Income Net Of Tax Attributable To Noncontrolling Interest Comprehensive income attributable to noncontrolling interest Comprehensive Income Net Of Tax Comprehensive income (loss) attributable to NL stockholders CONDENSED CONSOLIDATED STATEMENTS OF EQUITY Statement Equity Components [Axis] Equity Components Equity Component [Domain] Equity Component Common stock Additional paid-in capital Retained earnings Accumulated other comprehensive loss Total accumulated other comprehensive loss Noncontrolling interest in subsidiary Stock Issued During Period Value New Issues Issuance of NL common stock Dividends Common Stock Cash Dividends paid Minority Interest Decrease From Distributions To Noncontrolling Interest Holders Dividends paid to noncontrolling interest Stockholders Equity Other Other, net Common Stock Dividends Per Share Cash Paid Dividends paid per share CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS Net Cash Provided By Used In Operating Activities [Abstract] Cash flows from operating activities: Depreciation Depletion And Amortization Depreciation and amortization Deferred Income Tax Expense Benefit Deferred income taxes Equity Method Investment Dividends Or Distributions Dividends received from Kronos Dividends received from Kronos Worldwide, Inc. Defined benefit plan net periodic benefit cost greater less than funding, Defined Benefit Plan Net Periodic Benefit Cost Greater Less Than Funding Benefit plan expense greater than cash funding Amount of noncash interest income, Noncash Interest Income Noncash interest income Accretion Expense Noncash interest expense Other Noncash Income Expense Other, net Increase Decrease In Operating Capital [Abstract] Change in assets and liabilities: Increase Decrease In Accounts And Other Receivables Accounts and other receivables, net Increase Decrease In Inventories Inventories, net Increase Decrease In Prepaid Deferred Expense And Other Assets Prepaid expenses and other Increase Decrease In Accounts Payable And Accrued Liabilities Accounts payable and accrued liabilities Increase Decrease In Accrued Income Taxes Payable Income taxes Increase Decrease In Due To Affiliates Accounts with affiliates Environmental Expense And Liabilities Accrued environmental remediation and related costs Increase Decrease In Other Noncurrent Assets And Liabilities Net Other noncurrent assets and liabilities, net Net Cash Provided By Used In Operating Activities Net cash provided by operating activities Net Cash Provided By Used In Investing Activities [Abstract] Cash flows from investing activities: Payments To Acquire Property Plant And Equipment Capital expenditures Marketable Securities [Abstract] Marketable securities: Payments to Acquire Marketable Securities Purchases Proceeds from Sale, Maturity and Collection of Short-Term Investments Proceeds from maturities Payments For Proceeds From Investments [Abstract] Note receivable from affiliate: Proceeds From Collection Of Advance To Affiliate Collections Payments for Advance to Affiliate Loans Net Cash Provided By Used In Investing Activities Net cash provided by (used in) investing activities Net Cash Provided By Used In Financing Activities [Abstract] Cash flows from financing activities: Payments Of Dividends Common Stock Dividends paid Payments Of Dividends Minority Interest Dividends paid to noncontrolling interests in subsidiary Net Cash Provided By Used In Financing Activities Net cash used in financing activities Cash Cash Equivalents Restricted Cash And Restricted Cash Equivalents Period Increase Decrease Excluding Exchange Rate Effect [Abstract] Cash and cash equivalents and restricted cash and cash equivalents - net change from: Cash Cash Equivalents Restricted Cash And Restricted Cash Equivalents Period Increase Decrease Excluding Exchange Rate Effect Operating, investing and financing activities Cash Cash Equivalents Restricted Cash And Restricted Cash Equivalents Including Disposal Group And Discontinued Operations Balance at end of period Balance at beginning of year Supplemental Cash Flow Information [Abstract] Supplemental disclosures - cash paid (received) for: Interest Paid Net Interest Income Taxes Paid Net Income taxes, net Organization and basis of presentation Significant accounting policies, Significant Accounting Policies [Table] Significant Accounting Policies [Table] Significant accounting policies, Significant Accounting Policies [Line Items] Significant Accounting Policies [Line Items] Organization Consolidation And Presentation Of Financial Statements Disclosure [Text Block] Organization and basis of presentation Accounts and other receivables, net Schedule Of Accounts Notes Loans And Financing Receivable [Table] Schedule Of Accounts Notes Loans And Financing Receivable [Table] Accounts Notes And Loans Receivable [Line Items] Accounts and other receivables, net Loans Notes Trade And Other Receivables Disclosure [Text Block] Accounts and other receivables, net Inventories, net Inventory, Current [Table] Inventory [Line Items] Inventory Disclosure [Text Block] Inventories, net Investments, Debt and Equity Securities [Abstract] Marketable Securities [Table] Marketable Securities [Line Items] Investments In Debt And Marketable Equity Securities And Certain Trading Assets Disclosure [Text Block] Marketable securities Investment in Kronos Worldwide, Inc. Schedule Of Equity Method Investments [Table] Schedule Of Equity Method Investments [Table] Schedule Of Equity Method Investments [Line Items] Schedule Of Equity Method Investments [Line Items] Equity Method Investments Disclosure [Text Block] Investment in Kronos Worldwide, Inc. Accrued and other current liabilities Accounts Payable Accrued Liabilities And Other Liabilities Disclosure Current [Text Block] Accrued and other current liabilities Long-term debt Debt Instrument [Table] Debt Instrument [Table] Debt Instrument [Line Items] Debt Instrument [Line Items] Long Term Debt [Text Block] Long-term debt Other noncurrent liabilities Other noncurrent liabilities disclosure, Other Noncurrent Liabilities Disclosure [Text Block] Other noncurrent liabilities Revenue recognition Disaggregation Of Revenue [Table] Disaggregation Of Revenue [Table] Disaggregation Of Revenue [Line Items] Disaggregation Of Revenue [Line Items] Revenue From Contract With Customer [Text Block] Revenue recognition Employee benefit plans Schedule Of Defined Benefit Plans Disclosures [Table] Schedule Of Defined Benefit Plans Disclosures [Table] Defined Benefit Plan Disclosure [Line Items] Defined Benefit Plan Disclosure [Line Items] Pension And Other Postretirement Benefits Disclosure [Text Block] Employee benefit plans Income taxes Income tax disclosure, Income Tax Disclosure [Table] Income Tax Disclosure [Table] Income tax disclosure, Income Tax Disclosure [Line Items] Income Tax Disclosure [Line Items] Income Tax Disclosure [Text Block] Income taxes Stockholders' equity Schedule Of Stock By Class [Table] Class Of Stock [Line Items] Stockholders Equity Note Disclosure [Text Block] Stockholders' equity Commitments and contingencies Site Contingency [Line Items] Commitments And Contingencies Disclosure [Text Block] Commitments and contingencies Financial instruments Fair Value By Balance Sheet Grouping [Table] Fair Value Balance Sheet Grouping Financial Statement Captions [Line Items] Financial Instruments Disclosure [Text Block] Financial instruments Recent Accounting Pronouncements Accounting Standards Update and Change in Accounting Principle [Table] New Accounting Pronouncements or Change in Accounting Principle [Line Items] Accounting Standards Update and Change in Accounting Principle [Text Block] Recent Accounting Pronouncements Organization, Organization Policy [Text Block] Organization Basis Of Accounting Policy Policy [Text Block] Basis of presentation Schedule Of Accounts Notes Loans And Financing Receivable [Text Block] Schedule of Accounts Notes Loans and Financing Receivable Schedule Of Inventory Current Table [Text Block] Schedule of Inventories, Net Schedule Of Available For Sale Securities Reconciliation Table [Text Block] Schedule of Marketable Securities Equity Method Investments [Text Block] Changes in Carrying Value of Investment Schedule Of Condensed Balance Sheet Table [Text Block] Selected Financial Information of Kronos Balance Sheet Schedule Of Condensed Income Statement Table [Text Block] Selected Financial Information of Kronos Income Statement Schedule Of Accrued Liabilities Table [Text Block] Schedule of Accrued and Other Current Liabilities Other Noncurrent Liabilities Table [Text Block] Summary of Other Noncurrent Liabilities Disaggregation Of Revenue Table [Text Block] Schedule of Disaggregation of Net Sales by Reporting Unit Schedule Of Net Benefit Costs Table [Text Block] Schedule of Components of Net Periodic Defined Benefit Pension Cost Schedule Of Effective Income Tax Rate Reconciliation Table [Text Block] Schedule of Income Taxes Schedule Of Accumulated Other Comprehensive Income Loss Table [Text Block] Schedule of Changes in Accumulated Other Comprehensive Loss Schedule Of Environmental Loss Contingencies By Site [Text Block] Schedule of Changes in Accrued Environmental Remediation and Related Costs Fair Value By Balance Sheet Grouping [Text Block] Schedule of Financial Instruments Not Carried at Fair Value Consolidated Entities [Axis] Consolidated Entities [Domain] Parent Company Ownership [Axis] Ownership [Domain] Valhi Inc. Valhi Inc Legal Entity [Axis] Legal Entity Entity [Domain] Entity Contran Corporation, Contran Corporation Schedule Of Equity Method Investment Equity Method Investee Name [Axis] Investment, Name Equity Method Investee Name [Domain] Investment, Name Kronos Worldwide Inc. Kronos Kronos Minority Interest Ownership Percentage By Parent Parent company ownership interest Equity Method Investment Ownership Percentage Parent company ownership interest The per share amount of a special dividend declared, Special Dividend Amount Per Share Special dividend per share CompX International Inc. CompX Accounts Receivable Gross Current Trade receivables Other Receivables Gross Current Other receivables Allowance For Doubtful Accounts Receivable Current Allowance for doubtful accounts Inventory Raw Materials Net Of Reserves Raw materials Inventory Work In Process Net Of Reserves Work in process Inventory Finished Goods Net Of Reserves Finished products Fair Value By Fair Value Hierarchy Level [Axis] Fair Value Hierarchy and NAV Fair Value Measurements Fair Value Hierarchy [Domain] Fair Value Hierarchy and NAV Level 1 Level 2 Financial Instrument [Axis] Financial Instrument Transfers And Servicing Of Financial Instruments Types Of Financial Instruments [Domain] Financial Instruments Fixed Income Fixed income securities Equity Securities [Member] Common stock Debt Securities, Available-for-Sale, Amortized Cost Cost or amortized cost, Current Assets Equity Securities, FV-NI, Cost Cost or amortized cost, Noncurrent assets Amount of unrealized gain (loss) on current marketable securities, Unrealized Gain (Loss) on Current Marketable Securities Unrealized gain (loss), Current assets Amount of unrealized gain (loss) on non current marketable securities, Unrealized Gain (Loss) on Noncurrent Marketable Securities Unrealized gain (loss), Noncurrent assets Investment Owned Balance Shares Number of shares owned Number of shares owned Share Price Quoted marked price per share Quoted market price per share Business Acquisition [Axis] Business Acquisition, Acquiree [Domain] Represents information relating to Louisiana Pigment Company (LPC), Louisiana Pigment Company [Member] Louisiana Pigment Company Range [Axis] Statistical Measurement Range [Member] Statistical Measurement Maximum Minimum Scenario [Axis] Scenario [Domain] Represents the information pertaining to scenario where the achieved aggregate EBITDA during the earn out period is 650 million, Aggregate EBITDA is 650 Million [Member] Aggregate EBITDA is 650 Million Represents the information pertaining to scenario where the achieved aggregate EBITDA during the earn out period is 730 million, Aggregate EBITDA is 730 Million [Member] Aggregate EBITDA is 730 Million Represents the information pertaining to scenario where the achieved aggregate EBITDA during the earn out period is between 650 million and 730 million, Aggregate EBITDA is between 650 Million and 730 Million [Member] Aggregate EBITDA is between 650 Million and 730 Million Equity Method Investment Quoted Market Value Aggregate market value Business Acquisition, Percentage of Voting Interests Acquired Percentage of voting interests acquired Business Combination, Step Acquisition, Equity Interest in Acquiree, Percentage Equity interest in acquiree percentage Represents the additional production volume acquired as a result of business combination, Business Acquisition, Additional Production Volume Acquired Additional production volume acquired in metric tons Payments to Acquire Businesses, Gross Payments to acquire businesses gross Working capital adjustments in a business combination at the acquisition date, Business Combination, Working Capital Adjustment Working capital adjustment Business Combination, Contingent Consideration, Liability Business combination contingent consideration liability The period during which the earnout performance criteria of the acquiree is measured for the potential payment of contingent consideration, in 'PnYnMnDnThnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days, Business Combination, Contingent Consideration, Earn-Out Period Business combination contingent consideration earn-out period The amount of Earnings before interest, taxes, depreciation, and amortization expected to achieve during the earn out period, Expected Aggregate EBITDA Achieved For Earn Out Period Expected aggregate EBITDA achieved for earn out period Business Combination, Consideration Transferred, Liabilities Incurred Estimated fair value of the earn-out Proceeds from Lines of Credit Proceeds from lines of credit In a business combination achieved in stages, this element represents the amount of gain before tax recognized by the entity as a result of remeasuring to fair value the equity interest in the acquiree it held before the business combination, Business Combination, Step Acquisition, Equity Interest in Acquiree, Remeasurement Gain Before Tax Non-cash gain before tax associated with remeasurement Business Combination, Step Acquisition, Equity Interest in Acquiree, Remeasurement Gain Non-cash gain, net of income tax expense Retirement Plan Type [Axis] Retirement Plan Type Retirement Plan Type [Domain] Retirement Plan Type Defined Benefit Pension Plans Defined Benefit Pension Plans Other Comprehensive Income Loss Before Tax Period Increase Decrease [Abstract] Equity in Kronos' other comprehensive income (loss): Other Comprehensive Income Loss Foreign Currency Transaction And Translation Adjustment Before Tax Currency translation Other Comprehensive Income Loss Pension And Other Postretirement Benefit Plans Adjustment Before Tax Defined benefit pension plans Consolidation Items [Axis] Consolidation Items [Domain] Reportable Legal Entities [Member] Reportable Legal Entities Equity method investment summarized financial information investments in affiliates subsidiaries associates and joint ventures, Equity Method Investment Summarized Financial Information Investments In Affiliates Subsidiaries Associates And Joint Ventures Investment in Ti02 joint venture Long Term Debt Long-term debt Accrued Employee Benefits Current Employee benefits Other Accrued Liabilities, Current Other NLKW Holding, LLC, NLKW Holding, LLC Line Of Credit Facility [Axis] Lender Name Line Of Credit Facility Lender [Domain] Line Of Credit Facility, Lender Valhi, Valhi Debt Instrument [Axis] Debt Instrument Debt Instrument Name [Domain] Debt Instrument, Name Valhi credit facility, Valhi Credit Facility Line Of Credit Facility Maximum Borrowing Capacity Maximum borrowing under credit facility Proceeds From Repayments Of Lines Of Credit Borrowings or repayments under revolving credit facility Line Of Credit Outstanding borrowing Line Of Credit Facility Remaining Borrowing Capacity Amount available for future borrowing under revolving credit facility Debt Instrument Description Of Variable Rate Basis Debt instrument, description of variable rate basis Debt Instrument Basis Spread On Variable Rate1 Variable rate basis spread above reference rate Longterm Debt Weighted Average Interest Rate Debt instrument average interest rate Debt Instrument Interest Rate Effective Percentage Debt instrument interest rate Liability For Uncertain Tax Positions Noncurrent Reserve for uncertain tax positions Pension And Other Postretirement And Postemployment Benefit Plans Liabilities Noncurrent OPEB Self Insurance Reserve Noncurrent Insurance claims and expenses Other Sundry Liabilities Noncurrent Other Statement Business Segments [Axis] Segments Segment [Domain] Segments Security products, Security Products Marine components, Marine Components Defined Benefit Plan Interest Cost Interest cost Defined Benefit Plan, Net Periodic Benefit Cost (Credit) Excluding Service Cost, Statement of Income or Comprehensive Income [Extensible Enumeration] Defined Benefit Plan Expected Return On Plan Assets Expected return on plan assets Defined Benefit Plan Amortization Of Gains Losses Recognized actuarial losses Defined Benefit Plan Net Periodic Benefit Cost Total UK Pension Plan UK Pension Plan Defined Benefit Plan Expected Future Employer Contributions Current Fiscal Year Expected contribution during 2024 Defined Benefit Plan, Net Periodic Benefit Cost (Credit), Gain (Loss) Due to Settlement Loss on pension plan termination and buy-out Income Tax Reconciliation Income Tax Expense Benefit At Federal Statutory Income Tax Rate Expected tax expense (benefit), at U.S. federal statutory income tax rate of 21% Income Tax Reconciliation Equity In Earnings Losses Of Unconsolidated Subsidiary Rate differences on equity in earnings (losses) of Kronos, net of dividends Income tax reconciliation state income taxes and other net, Income Tax Reconciliation State Income Taxes And Other Net U.S. state income taxes and other, net Disclosure income taxes component of income taxes expenses parenthetical detail, Disclosure Income Taxes Component Of Income Taxes Expenses Parenthetical Detail [Table] Disclosure Income Taxes Component Of Income Taxes Expenses Parenthetical Detail [Table] Disclosure Income Taxes Component Of Income Taxes Expenses Parenthetical Detail [Line Items] Disclosure Income Taxes Component Of Income Taxes Expenses Parenthetical Detail [Line Items] Disclosure Other Comprehensive Income Loss Tax Effects Allocated To Component Of Other Comprehensive Income Loss, Disclosure Other Comprehensive Income Loss Tax Effects Allocated To Component Of Other Comprehensive Income Loss [Abstract] Comprehensive provision (benefit) for income taxes allocable to: Income taxes benefit allocable to additional paid in capital, Income Taxes Benefit Allocable To Additional Paid In Capital Additional paid-in capital Other Comprehensive Income Loss Tax [Abstract] Other comprehensive income (loss): Calculation tax related to currency translation, Calculation Of Tax Related To Currency Translation Currency translation Calculation of tax related to pension plans Calculation of tax related to pension plans Pension plans Amount of tax expense (benefit) other, Other Comprehensive Income Loss Tax Expense (Benefit), Other Other Amount of provision (benefit) for income taxes allocation, Provision (Benefit) of Income Tax Allocation Total Effective Income Tax Rate Reconciliation At Federal Statutory Income Tax Rate U.S. federal statutory income tax rate (in %) Accumulated Other Comprehensive Income Loss [Table] Accumulated Other

Comprehensive Income Loss [Table] Currency Translation Accumulated Defined Benefit Plans Adjustment Accumulated other comprehensive income other adjustments. Accumulated other comprehensive income other adjustments Other Marketable Securities Marketable debt securities OPEB OPEB plans Accumulated Other Comprehensive Income Loss [Line Items] Accumulated Other Comprehensive Income Loss [Line Items] Other Comprehensive Income Loss Net Of Tax Portion Attributable To Parent other comprehensive income (loss) Other Comprehensive Income (Loss). Defined Benefit Plan, Settlement and Curtailment Gain (Loss), after Tax Plan settlement Accrual For Environmental Loss Contingencies Balance at the end of the period Balance at the beginning of the period Accrual for reasonably estimable environmental remediation and related matters The amount added to the accrual and charged to expense for newly incurred environmental loss contingencies and revisions to existing environmental loss contingencies. These additions include remediation expense and interest accretion. These additions do not relate to changes in the environmental accrual related to a business acquisition or divestiture, to currency movements, or revisions in previously existing estimates not charged to expense. Accrual For Environmental Loss Contingencies Provision For New Losses And Increases For Revision In Estimates Charged To Expense Additions charged to expense, net Accrual For Environmental Loss Contingencies Payments1 Payments, net Accrual for Environmental Loss Contingencies [Abstract] Amounts recognized in the Condensed Consolidated Balance Sheet at the end of the period: Litigation Case [Axis] Litigation Case Litigation Case Type [Domain] Litigation Case Lead pigment litigation. Lead Pigment Litigation Environmental Exit Cost By Property [Axis] Environmental Exit Cost by Property Environmental Exit Costs Name Of Property [Domain] Environmental Exit Costs, Name of Property Environmental remediation sites NL named as PRP or defendant Environmental Remediation Sites NL Named As PRP Or Defendant Loss Contingency Claims Settled And Dismissed Number Number of cases settled and dismissed and found not liable Time period over which settlements and dismissals of cases occurred. Period By Which Loss Contingency Claims Settled And Dismissed Period by which loss contingency claims settled and dismissed (in years) Remaining litigation settlement payment due in year one. Remaining Litigation Settlement Payment Due In Year One Remaining litigation settlement payment due in first year Number of environmental remediation sites with reasonably estimable costs. Number Of Environmental Remediation Sites With Reasonably Estimable Costs Number of sites associated with remediation and related costs Loss Contingency Estimate Of Possible Loss Upper end range, estimate costs for remediation and related matters Number of environmental remediation sites without reasonably estimable costs. Number Of Environmental Remediation Sites Without Reasonably Estimable Costs Number of sites currently not able to reasonably estimate a range of costs Fair Value Disclosure of Asset and Liability Not Measured at Fair Value [Table] Fair Value By Measurement Basis [Axis] Portion At Fair Value Fair Value Disclosure [Member] Fair Value Measurement Carrying amount Fair value Fair Value Disclosure, Asset and Liability, Not Measured at Fair Value [Line Items] Cash and equivalents and restricted cash and equivalents current and noncurrent fair value disclosure. Cash And Equivalents And Restricted Cash And Equivalents Current And Noncurrent Fair Value Disclosure Cash, cash equivalents and restricted cash EX-101.PRE 16 nl-20240930_pre.xml EX-101.PRE XML 18 R1.htm IDEA: XBRL DOCUMENT v3.24.3 Document and Entity Information - shares 9 Months Ended Sep. 30, 2024 Nov. 01, 2024 Cover [Abstract] A Document Type 10-Q A Document Quarterly Report true A Document Period End Date Sep. 30, 2024 A Document Transition Report false A Entity File Number 1-640 A Entity Registrant Name NL INDUSTRIES,Â INC. A Entity Incorporation, State or Country Code NJ A Entity Tax Identification Number 13-5267260 A Entity Address, Address Line One 5430 LBJ Freeway A Entity Address, Address Line Two SuiteA 1700 A Entity Address, City or Town Dallas A Entity Address, State or Province TX A Entity Address, Postal Zip Code 75240-2620 A City Area Code (972) A Local Phone Number 233-1700 A Title of 12(b) Security Common stock A Trading Symbol NL A Security Exchange Name NYSE A Entity Current Reporting Status Yes A Entity Interactive Data Current Yes A Entity Filer Category Non-accelerated Filer A Entity Small Business false A Entity Emerging Growth Company false A Entity Shell Company false A Entity Common Stock, Shares Outstanding A 48,847,734 Entity Central Index Key 0000072162 A Current Fiscal Year End Date --12-31 A Document Fiscal Year Focus 2024 A Document Fiscal Period Focus Q3 A Amendment Flag false A 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 - DefinitionCover page. + ReferencesNo definition available. + Details Name: dei_CoverAbstract Namespace Prefix: dei_Data Type: xbrli:stringItemType 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 - 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:submissionTypeItemBalance 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 - DefinitionAddress Line 2 such as Street or Suite number + ReferencesNo definition available. + Details Name: dei_EntityAddressAddressLine2 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:stateOrProvinceItemBalance 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:centralIndexKeyItemBalance 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:fileNumberItemBalance 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:edgarStateCountryItemBalance 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:employerIdItemBalance 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:securityTitleItemBalance 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:edgarExchangeCodeItemBalance 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:tradingSymbolItemBalance Type: na Period Type: duration XML 19 R2.htm IDEA: XBRL DOCUMENT v3.24.3 CONDENSED CONSOLIDATED BALANCE SHEETS - USD (\$) in Thousands Sep. 30, 2024 Dec. 31, 2023 Current assets: A A Cash and cash equivalents \$ 145,960 \$ 111,522 Restricted cash and cash equivalents 29,324 2,917 Marketable securities A 53,149 Accounts and other receivables, net 14,582 17,101 Receivables from affiliates A 628 Inventories, net 28,008 30,712 Prepaid expenses and other 7,293 2,235 Total current assets 225,577 218,264 Other assets: A A Restricted cash and cash equivalents 530 26,943 Note receivable from affiliate 7,900 10,600 Marketable securities 39,969 18,194 Investment in Kronos Worldwide, Inc. 259,556 247,582 Goodwill 27,156 27,156 Other assets, net 701 2,060 Total other assets 335,812 332,535 Property and equipment: A A Land 5,390 5,390 Buildings 23,262 23,239 Equipment 75,334 74,315 Construction in progress 527 676 Property and equipment, gross 104,513 103,620 Less accumulated depreciation 80,252 77,757 Net property and equipment 24,261 25,863 Total assets 585,650 576,662 Current liabilities: A A Accounts payable 3,291 3,148 Accrued litigation settlement 16,353 11,830 Accrued and other current liabilities 10,642 13,182 Accrued environmental remediation and related costs 2,462 1,655 Payables to affiliates 818 634 Total current liabilities 33,566 30,449 Noncurrent liabilities: A A Long-term debt from affiliate 500 500 Accrued environmental remediation and related costs 89,163 89,451 Long-term litigation settlement A 16,122 Deferred income taxes 51,784 41,733 Accrued pension costs 624 1,571 Other 5,083 5,074 Total noncurrent liabilities 147,154 154,451 NL stockholders' equity: A A Preferred stock Common stock 6,105 6,103 Additional paid-in capital 299,099 298,868 Retained earnings 302,420 284,462 Accumulated other comprehensive loss (221,587) (219,621) Total NL stockholders' equity 386,037 369,812 Noncontrolling interest in subsidiary 18,893 21,950 Total equity 404,930 391,762 Total liabilities and equity 585,650 576,662 Commitments and contingencies (Notes 11 and 13) X - DefinitionAssets noncurrent excluding property plant and equipment. + ReferencesNo definition available. + Details Name: nl_AssetsNoncurrentExcludingPropertyPlantAndEquipment Namespace Prefix: nl_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAssets noncurrent excluding property plant and equipment. + ReferencesNo definition available. + Details Name: nl_AssetsNoncurrentExcludingPropertyPlantAndEquipmentAbstract Namespace Prefix: nl_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPortion of the carrying amount as of the balance sheet date of obligations due all related parties that is payable after one year or beyond the normal operating cycle if longer. + ReferencesNo definition available. + Details Name: nl_LongTermDebtFromAffiliate Namespace Prefix: nl_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount, after allowance, receivable from customers, clients, or other third-parties, and receivables classified as other due within one year or the normal operating cycle, if longer. + ReferencesNo definition available. + Details Name: us-gaap_AccountsAndOtherReceivablesNetCurrent Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant 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 - DefinitionCarrying value of the obligation (known or estimated) arising from requirements to perform activities to remediate one or more sites, payable in twelve months or in the next 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/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1-Reference 3: http://www.xbrl.org/2003/role/exampleRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481899/410-30-55-11Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-7Reference 5: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -

Section 50 -Paragraph 10 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10 + Details Name: us-gaap AccruedEnvironmentalLossContingenciesCurrent Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying value of the obligation (known or estimated) arising from requirements to perform activities to remediate one or more sites, payable after twelve months or beyond the next 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(24)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 2: http://www.fasb.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1-Reference 3: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-7Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10 + Details Name: us-gaap AccruedEnvironmentalLossContingenciesNoncurrent Namespace Prefix: us-gaap 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 - 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)(bb)) -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 - DefinitionAmount, after tax, of accumulated increase (decrease) in equity from transaction and other event and circumstance from nonowner source. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14A -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14Reference 2: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-11Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (2)(ii) -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 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(30)(a)(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 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)(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478777/944-210-S99-1Reference 7: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 14 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482790/220-10-45-14 + Details Name: us-gaap AccumulatedOtherComprehensiveIncomeLossNetOfTax 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)(iii)) -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)(iii)) -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)(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)(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)(iii)) -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 AssetsCurrentNamespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap AssetsCurrentAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount before accumulated depreciation of building structures held for productive use including addition, improvement, or renovation to the structure, including, but not limited to, interior masonry, interior flooring, electrical, and plumbing. + 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 BuildingsAndImprovementsGross 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:monetaryItem Type Balance Type: debit Period Type: instant X - Definition 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. + References Reference 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\(17\)\)](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/1943274/2147478546/942-210-599-1> Reference 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\(25\)\)](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/1943274/2147480566/210-10-599-1> Reference 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\(a\)\(19\)\)](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/1943274/2147478777/944-210-599-1> Reference 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\(15\)\)](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/1943274/2147479170/946-210-599-1> + Details Name: us-gaap_CommitmentsAndContingencies Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X - Definition 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. + References Reference 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\(29\)\)](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/1943274/2147480566/210-10-599-1> Reference 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> Reference 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\(a\)\(22\)\)](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/1943274/2147478777/944-210-599-1> + Details Name: us-gaap_CommonStockValue Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X - Definition Amount of structure or a modification to a structure under construction. Includes recently completed structures or modifications to structures that have not been placed into service. + References Reference 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](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_ConstructionInProgressGross Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItem Type Balance Type: debit Period Type: instant X - Definition Amount, after deferred tax asset, of deferred tax liability attributable to taxable differences with jurisdictional netting. + References Reference 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\(a\)\(15\)\(b\)\(2\)\)](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/1943274/2147478777/944-210-599-1> Reference 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_DeferredIncomeTaxLiabilitiesNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X - Definition Amount of liability, recognized in statement of financial position, for defined benefit pension plan, classified as noncurrent. Excludes other postretirement benefit plan. + References Reference 1: <http://fasb.org/us-gaap/role/ref/legacyRef-Topic 715-SubTopic 20-Name Accounting Standards Codification-Section 45-Paragraph 3-Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3> Reference 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\(24\)\)](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/1943274/2147480566/210-10-599-1> Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 715-SubTopic 20-Section 45-Paragraph 2-Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-2> Reference 4: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 715-SubTopic 20-Section 50-Paragraph 1-Subparagraph \(c\)-Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-50-1](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Topic 715-SubTopic 20-Section 50-Paragraph 1-Subparagraph (c)-Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-50-1) + Details Name: us-gaap_DefinedBenefitPensionPlanLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X - Definition This item represents the carrying amount on the entity's balance sheet of its investment in common stock of an equity method investee. This is not an indicator of the fair value of the investment, rather it is the initial cost adjusted for the entity's share of earnings and losses of the investee, adjusted for any distributions (dividends) and other than temporary impairment (OTTI) losses recognized. + References Reference 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/1943274/2147482964/270-10-50-1](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/1943274/2147482964/270-10-50-1) Reference 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/1943274/2147482810/280-10-50-32](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/1943274/2147482810/280-10-50-32) Reference 3: <http://www.xbrl.org/2003/role/disclosureRef-Topic 323-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 1-Publisher FASB -URI https://asc.fasb.org/1943274/2147481664/323-10-45-1> Reference 4: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 323-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 3-Subparagraph \(a\)\(3\)-Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 323-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 3-Subparagraph (a)(3)-Publisher FASB -URI https://asc.fasb.org/1943274/2147481687/323-10-50-3) Reference 5: [http://www.xbrl.org/2009/role/commonPracticeRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.5-02\(10\)\)](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 210-SubTopic 10-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.5-02(10))) - Publisher FASB - URI <https://asc.fasb.org/1943274/2147480566/210-10-599-1> Reference 6: [http://www.xbrl.org/2003/role/disclosureRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 25-Subparagraph \(a\)-Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-25](http://www.xbrl.org/2003/role/disclosureRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 25-Subparagraph (a)-Publisher FASB -URI https://asc.fasb.org/1943274/2147482810/280-10-50-25) + Details Name: us-gaap_EquityMethodInvestments Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItem Type Balance Type: debit Period Type: instant X - Definition Amount, 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. + References Reference 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/1943274/2147482785/280-10-55-49> Reference 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/1943274/2147482548/350-20-55-24> Reference 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/1943274/2147482078/820-10-55-100](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/1943274/2147482078/820-10-55-100) Reference 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/1943274/2147481372/852-10-55-10> Reference 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\(15\)\)](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/1943274/2147480566/210-10-599-1> Reference 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/1943274/2147482598/350-20-45-1> Reference 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/1943274/2147482573/350-20-50-1](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/1943274/2147482573/350-20-50-1) Reference 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/1943274/2147482573/350-20-50-1](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/1943274/2147482573/350-20-50-1) Reference 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\(10\)\(1\)\)](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/1943274/2147478546/942-210-599-1> + Details Name: us-gaap_Goodwill Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItem Type Balance Type: debit Period Type: instant X - Definition Amount after valuation and LIFO reserves of inventory expected to be sold, or consumed within one year or operating cycle, if longer. + References Reference 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/1943274/2147481372/852-10-55-10> Reference 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/1943274/2147483467/210-10-45-1](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/1943274/2147483467/210-10-45-1) Reference 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\(6\)\)](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/1943274/2147480566/210-10-599-1> + Details Name: us-gaap_InventoryNet Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItem Type Balance Type: debit Period Type: instant X - Definition Amount before accumulated depletion of real estate held for productive use, excluding land held for sale. + References Reference 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\(13\)\)](http://www.xbrl.org/2009/role/commonPracticeRef-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/1943274/2147480566/210-10-599-1> + Details Name: us-gaap_Land Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItem Type Balance Type: debit Period Type: instant X - Definition Amount of liabilities and equity items, including the portion of equity attributable to noncontrolling interests, if any. + References Reference 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/1943274/2147481372/852-10-55-10> Reference 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\(a\)\(25\)\)](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/1943274/2147478777/944-210-599-1> Reference 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\(g\)\(1\)\(iii\)\)](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)(iii))) - Publisher FASB - URI <https://asc.fasb.org/1943274/2147480678/235-10-599-1> Reference 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/1943274/2147481687/323-10-50-3](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/1943274/2147481687/323-10-50-3) Reference 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/1943274/2147482907/825-10-50-28](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/1943274/2147482907/825-10-50-28) Reference 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\(23\)\)](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/1943274/2147478546/942-210-599-1> Reference 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\(32\)\)](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/1943274/2147480566/210-10-599-1> + Details Name: us-gaap_LiabilitiesAndStockholdersEquity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X - Definition Total 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. + References Reference 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\(21\)\)](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/1943274/2147480566/210-10-599-1> Reference 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/1943274/2147481203/810-10-50-3](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/1943274/2147481203/810-10-50-3) Reference 3: [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/1943274/2147481231/810-10-45-25](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/1943274/2147481231/810-10-45-25) Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 810-SubTopic 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\(g\)\(1\)\(iii\)\)](http://www.xbrl.org/2003/role/disclosureRef-Topic 810-SubTopic 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)(iii))) - Publisher FASB - URI <https://asc.fasb.org/1943274/2147480678/235-10-599-1> Reference 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/1943274/2147481687/323-10-50-3](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/1943274/2147481687/323-10-50-3) Reference 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/1943274/2147482907/825-10-50-28](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/1943274/2147482907/825-10-50-28) Reference 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/1943274/2147481372/852-10-55-10> Reference 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/1943274/2147483467/210-10-45-5> Reference 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\(a\)\(4\)\(i\)\)](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/1943274/2147480097/470-10-599-1> Reference 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\(a\)\(4\)\(iii\)\)](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/1943274/2147480097/470-10-599-1> Reference 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\(a\)\(4\)\(iii\)\(A\)\)](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/1943274/2147480097/470-10-599-1> Reference 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\(a\)\(4\)\(iv\)\)](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/1943274/2147480097/470-10-599-1> Reference 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\(a\)\(5\)\)](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

1Reference 6:

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 -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482740/230-10-45-4Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Name Accounting Standards Codification -Section 45 -Paragraph 5 -SubTopic 210 -Topic 954 -Publisher FASB -URI https://asc.fasb.org/1943274/2147477220/954-210-45-5 + Details Name: us-gaap RestrictedCashAndCashEquivalentsNoncurrent Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant 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/1943274/2147478777/944-210-599-1Reference 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/1943274/2147479170/946-210-599-1Reference 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/1943274/2147479170/946-210-599-1Reference 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 X - DefinitionAmount of equity (deficit) attributable to parent and noncontrolling interest. Excludes temporary equity. + 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 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 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (d)(1) -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 (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 7: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2Reference 8: http://www.xbrl.org/2003/role/disclosureRef -Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (a)(3)(iii)(03) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483550/848-10-65-2Reference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 842 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph (c)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479832/842-10-65-8Reference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 24 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483421/250-10-45-24Reference 11: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 23 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483421/250-10-45-23Reference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 5 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483421/250-10-45-5Reference 13: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 5 -Subparagraph (c)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/326-10-65-5Reference 14: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (i)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-6Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 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https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-5Reference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1Reference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-17Reference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20Reference 34: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3Reference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-3Reference 37: 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 38: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 210 -Name 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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-S99-1Reference 43: 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 44: 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 45: 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 46: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-15Reference 47: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-16Reference 48: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 41 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-41Reference 49: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476166/350-60-65-1 + Details Name: us-gaap StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 20 R3.htm IDEA: XBRL DOCUMENT v3.24.3 CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS - USD (\$) shares in Thousands, \$ in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS Á Á Á Net sales \$ 33,667 \$ 40,355 \$ 107,525 \$ 118,122 Cost of sales 24,199 27,736 77,225 82,526 Gross margin 9,468 12,619 30,300 35,596 Selling, general and administrative expense 6,119 6,074 18,155 17,644 Other operating income (expense) Á Á Á Insurance recoveries 1,100 304 1,317 456 Corporate expense 2,413 3,168 9,279 9,109 Income from operations 2,036 3,681 4,183 9,299 Equity in earnings (losses) of Kronos Worldwide, Inc. 21,982 (6,229) 30,431 (13,382) Other income (expense) Á Á Á Interest and dividend income 2,716 2,344 7,945 6,454 Marketable equity securities 18,613 491 21,775 (10,468) Loss on pension plan termination Á Á (4,911) Other components of net periodic pension and OPEB cost (318) (382) (954) (1,098) Interest expense (147) (202) (440) (600) Income (loss) before income taxes 44,882 (297) 62,940 (14,706) Income tax expense (benefit) 8,508 (965) 10,798 (6,844) Net income (loss) 36,374 668 52,142 (7,862) Noncontrolling interest in net income of subsidiary 364 737 1,458 2,031 Net income (loss) attributable to NL stockholders \$ 36,010 \$ (69) \$ 50,684 \$ (9,893) Amounts attributable to NL stockholders: Á Á Á Á Net income (loss) per basic share \$ 0.74 \$ 0 \$ 1.04 \$ (0.20) Net income (loss) per diluted share \$ 0.74 Á \$ 1.04 \$ (0.20) Weighted average shares outstanding - basic 48,848 48,833 48,841 48,824 Weighted average shares outstanding - diluted 48,848 48,833 48,841 48,824 X - DefinitionRepresents the amount of settlement loss relating to pension plan. + ReferencesNo definition available. + Details Name: nl DefinedBenefitPlanSettlementLoss Namespace Prefix: nl Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration 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:

gaap_IncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: duration X - DefinitionAmount of income (loss) for proportionate share of equity method investee's income (loss). + ReferencesReference 1:

280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 32 -Subparagraph (ee) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-32>Reference 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/1943274/2147482810/280-10-50-32>Reference 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 - ReferencesNo definition available. + Details Name: us-gaap OperatingIncomeLossAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionAmount of cost (reversal of cost) for pension and other postretirement benefits. + ReferencesNo definition available. + Details Name: us-gaap PensionAndOtherPostretirementBenefitExpense Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe consolidated profit or loss for the period, net of income taxes, including the portion attributable to the noncontrolling interest. + 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/1943274/2147483443/250-10-50-6>Reference 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/1943274/2147483443/250-10-50-9>Reference 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/1943274/2147476176/805-60-65-1>Reference 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/1943274/2147478666/740-323-65-2>Reference 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)(i)(iii) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480678/235-10-S99-1>Reference 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/1943274/2147481687/323-10-50-3>Reference 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/1943274/2147482907/825-10-50-28>Reference 8: <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/1943274/2147483443/250-10-50-1>Reference 9: <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/1943274/2147480175/815-40-65-1>Reference 10: <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/1943274/2147483443/250-10-50-8>Reference 11: <http://www.xbrl.org/2003/role/exampleRef> -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479168/946-830-55-11>Reference 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478009/946-205-45-3>Reference 13: <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/1943274/2147479105/946-220-45-7>Reference 14: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(16)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1>Reference 15: <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-S99-1>Reference 16: <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-S99-3>Reference 17: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481231/810-10-45-19>Reference 18: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482765/220-10-50-6>Reference 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)(ii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 20: <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-S99-1>Reference 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-S99-1>Reference 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-S99-1>Reference 23: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 470 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1A -Subparagraph (SX 210.13-02(a)(4)(iii)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 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)(ii)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 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-S99-1>Reference 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)(iii)(B)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 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)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 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)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1>Reference 29: <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-S99-1>Reference 30: <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/1943274/2147483499/205-20-7>Reference 31: <http://www.xbrl.org/2003/role/exampleRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4J -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481175/810-10-55-4>Reference 32: <http://www.xbrl.org/2003/role/exampleRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4K -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481175/810-10-55-4>Reference 33: <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/1943274/2147482790/220-10-45-1>Reference 34: <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/1943274/2147482790/220-10-45-1>Reference 35: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-2>Reference 36: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481203/810-10-50-1>Reference 37: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481203/810-10-50-1> + Details Name: us-gaap ProfitLoss Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount, excluding 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/1943274/2147482810/280-10-50-41>Reference 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/1943274/2147482964/270-10-50-1>Reference 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/1943274/2147482810/280-10-50-32>Reference 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/1943274/2147482810/280-10-50-32>Reference 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/1943274/2147482810/280-10-50-32>Reference 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-S99-1>Reference 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/1943274/2147479806/606-10-50-5>Reference 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/1943274/2147482810/280-10-50-30>Reference 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/1943274/2147482810/280-10-50-42>Reference 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/1943274/2147482810/280-10-50-22>Reference 11: <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/1943274/2147482810/280-10-50-22>Reference 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/1943274/2147482810/280-10-50-22>Reference 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 RevenueFromContractWithCustomerExcludingAssessedTax 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/1943274/2147482662/260-10-50-1>Reference 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/1943274/2147482662/260-10-50-1>Reference 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 21 R4.htm IDEA: XBRL DOCUMENT v3.24.3 CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS) - USD (\$) \$ in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS) \$ \$ Net income (loss) \$ 36,374 \$ 668 \$ 52,142 \$ (7,862) Other comprehensive income (loss), net of tax: \$ \$ Currency translation 1,521 (345) (2,979) (3,230) Defined benefit pension plans 378 392 1,135 5,461 Marketable debt securities (7) 85 15 (84) Other postretirement benefit plans (45) (57) (137) (175) Total other comprehensive income (loss), net 1,847 75 (1,966) 1,972 Comprehensive income (loss) 38,221 743 50,176 (5,890) Comprehensive income attributable to noncontrolling interest 364 741 1,458 2,039 Comprehensive income (loss) attributable to NL stockholders \$ 37,857 \$ 2 \$ 48,718 \$ (7,929) X - DefinitionOther comprehensive income loss other postretirement benefit plans net of tax. + ReferencesNo definition available. + Details Name: nl OtherComprehensiveIncomeLossOtherPostretirementBenefitPlansNetOfTax Namespace Prefix: nl Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount after tax of increase (decrease) in equity from transactions and other events and circumstances from net income and other comprehensive income, attributable to parent entity. Excludes changes in equity resulting from investments by owners and distributions to owners. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(24)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(26)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478524/942-220-S99-1>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(22)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(20)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1>Reference 7: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 220 -SubTopic 10 -Section 45 -Paragraph 5 -Publisher FAS

942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(25)) -Publisher FASB -URI

Additional paid-in capital Retained earnings Accumulated other comprehensive loss Noncontrolling interest in subsidiary Total Beginning Balance at Dec. 31, 2022 \$ 6,101 \$ 298,598 \$ 300,442 \$ (222,991) \$ 20,597 \$ 402,747 Net income (loss) \$ \$ (9,893) \$ 2,031 (7,862) Other comprehensive income (loss), net of tax \$ \$ 1,964 \$ 1,972 Issuance of NL common stock 2 98 \$ \$ 100 Dividends paid \$ \$ (10,254) \$ (10,254) Dividends paid to noncontrolling interest \$ \$ (1,167) (1,167) Other, net \$ 172 \$ \$ 172 Ending Balance at Sep. 30, 2023 6,103 298,868 280,295 (221,027) 21,469 385,708 Beginning Balance at Jun. 30, 2023 6,103 298,868 283,784 (221,098) 21,117 388,774 Net income (loss) \$ \$ (69) 737 668 Other comprehensive income (loss), net of tax \$ \$ 71 4 71 4 Dividends paid \$ \$ (3,420) (3,420) Dividends paid to noncontrolling interest \$ \$ (389) (389) Ending Balance at Sep. 30, 2023 6,103 298,868 280,295 (221,027) 21,469 385,708 Beginning Balance at Dec. 31, 2023 6,103 298,868 284,462 (219,621) 21,950 391,762 Net income (loss) \$ \$ 50,684 \$ 1,458 52,142 Other comprehensive income (loss), net of tax \$ \$ (1,966) (1,966) Issuance of NL common stock 2 98 \$ \$ 100 Dividends paid \$ \$ (32,726) (32,726) Dividends paid to noncontrolling interest \$ \$ (4,531) (4,531) Other, net \$ 133 \$ \$ 16 149 Ending Balance at Jun. 30, 2024 6,105 299,099 302,420 (221,587) 18,893 404,930 Beginning Balance at Jun. 30, 2024 6,105 299,099 291,322 (223,434) 22,124 395,216 Net income (loss) \$ \$ 36,010 \$ 364 36,374 Other comprehensive income (loss), net of tax \$ \$ 1,847 1,847 Dividends paid \$ \$ (24,912) (24,912) Dividends paid to noncontrolling interest \$ \$ (3,595) (3,595) Ending Balance at Sep. 30, 2024 \$ 6,105 \$ 299,099 \$ 302,420 (221,587) \$ 18,893 \$ 404,930 X - DefinitionAmount of paid and unpaid common stock dividends declared with the form of settlement in cash. + ReferencesReference 1: <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 DividendsCommonStockCash Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionDecrease in noncontrolling interest balance from payment of dividends or other distributions by the non-wholly owned subsidiary or partially owned entity, included in the consolidation of the parent entity, to the noncontrolling interest holders. + ReferencesReference 1: <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 MinorityInterestDecreaseFromDistributionsToNoncontrollingInterestHolders Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount after tax and reclassification adjustments of other comprehensive income (loss). + 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/1943274/2147481112/505-10-50-2>Reference 2: <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/1943274/2147483443/250-10-50-6>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481674/830-30-50-1>Reference 4: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481694/830-30-45-17>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(19)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1>Reference 6: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482765/220-10-50-4>Reference 7: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482765/220-10-50-5>Reference 8: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481694/830-30-45-20>Reference 9: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 2 -Subparagraph (SX 210.5-03(21)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2>Reference 10: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.9-04(23)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478524/942-220-S99-1>Reference 11: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1B>Reference 12: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 55 -Paragraph 15 -SubTopic 10 -Topic 220 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482739/220-10-55-1>Reference 13: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1A -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482790/220-10-45-1A> + Details Name: us-gaap OtherComprehensiveIncomeLossNetOfTax Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe consolidated profit or loss for the period, net of income taxes, including the portion attributable to the noncontrolling interest. + 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/1943274/2147483443/250-10-50-6>Reference 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/1943274/2147483443/250-10-50-9>Reference 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/1943274/2147476176/805-60-65-1>Reference 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/1943274/2147478666/740-323-65-2>Reference 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-S99-1>Reference 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/1943274/2147481687/323-10-50-3>Reference 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/1943274/2147482907/825-10-50-28>Reference 8: <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/1943274/2147483443/250-10-50-1>Reference 9: <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/1943274/2147480175/815-40-65-1>Reference 10: <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/1943274/2147483443/250-10-50-8>Reference 11: <http://www.xbrl.org/2003/role/exampleRef> -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479168/946-830-55-11>Reference 12: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478009/946-205-45-3>Reference 13: <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/1943274/2147479105/946-220-45-7>Reference 14: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(16)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1>Reference 15: <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-S99-1>Reference 16: <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-S99-3>Reference 17: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 19 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481231/810-10-45-19>Reference 18: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482765/220-10-50-6>Reference 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)(i)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1A>Reference 20: <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-S99-1A>Reference 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)(iii)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1A>Reference 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)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1A>Reference 23: <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-S99-1A>Reference 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)(i)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 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)(A)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 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)(iii)(B)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 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)(iv)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 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)(5)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480097/470-10-S99-1B>Reference 29: <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-S99-1>Reference 30: <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/1943274/2147483499/205-20-50-7>Reference 31: <http://www.xbrl.org/2003/role/exampleRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4J -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481175/810-10-55-4J>Reference 32: <http://www.xbrl.org/2003/role/exampleRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 4K -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481175/810-10-55-4K>Reference 33: <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/1943274/2147482790/220-10-45-1A>Reference 34: <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/1943274/2147482790/220-10-45-1B>Reference 35: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 2 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-2>Reference 36: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (a)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481203/810-10-50-1A>Reference 37: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 810 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1A -Subparagraph (c)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481203/810-10-50-1A> + Details Name: us-gaap ProfitLoss Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionEquity impact of the value of new stock issued during the period. Includes shares issued in an initial public offering or a secondary public offering. + 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/1943274/2147481112/505-10-50-2>Reference 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-S99-1>Reference 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-S99-1>Reference 4: <http://www.xbrl.org/2003/role/exampleRef> -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479168/946-830-55-11>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478009/946-205-45-4>Reference 6: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478448/946-505-50-2>Reference 7: <http://www.xbrl.org/2003/role/disclosureRef> -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-S99-3>Reference 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 StockIssuedDuringPeriodValueNewIssues Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of equity (deficit) attributable to parent and noncontrolling interest. Excludes temporary equity. + 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/1943274/2147483443/250-10-50-6>Reference 2: <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/1943274/2147476176/805-60-65-1>Reference 3: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 805 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (d)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147476176/805-60-65-1>Reference 4:

Paragraph 6 -Subparagraph (e) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 15: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(i) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (h)(1)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 19: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (i)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6Reference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-6Reference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-6Reference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2Reference 24: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482615/740-10-65-8Reference 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 8 -Subparagraph (d)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482615/740-10-65-8Reference 26: http://www.xbrl.org/2003/role/disclosureRef -Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 4 -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/326-10-65-4Reference 27: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1Reference 28: http://www.xbrl.org/2003/role/disclosureRef -Topic 815 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1Reference 29: http://www.xbrl.org/2003/role/disclosureRef -Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-7Reference 30: http://www.xbrl.org/2003/role/disclosureRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 5 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482765/220-10-50-5Reference 31: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481674/830-30-50-1Reference 32: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-17Reference 33: http://www.xbrl.org/2003/role/disclosureRef -Topic 830 -SubTopic 30 -Name Accounting Standards Codification -Section 45 -Paragraph 20 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481694/830-30-45-20Reference 34: http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11Reference 35: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3Reference 36: http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 505 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147478448/946-505-50-3Reference 37: 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 38: 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 39: 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 40: 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 41: 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 42: http://www.xbrl.org/2003/role/disclosureRef -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-S99-1Reference 43: 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 44: 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 45: 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 46: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 15 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-15Reference 47: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 45 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481231/810-10-45-16Reference 48: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 810 -SubTopic 10 -Section 55 -Paragraph 41 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481175/810-10-55-41Reference 49: http://www.xbrl.org/2003/role/disclosureRef -Topic 350 -SubTopic 60 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476166/350-60-65-1 + Details Name: us-gaap_StockholdersEquityIncludingPortionAttributableToNoncontrollingInterest Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionThis element represents movements included in the statement of changes in stockholders' equity which are not separately disclosed or provided for elsewhere in the taxonomy. + ReferencesNo definition available. + Details Name: us-gaap_StockholdersEquityOther Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 23 R6.htm IDEA: XBRL DOCUMENT v3.24.3 CONDENSED CONSOLIDATED STATEMENTS OF EQUITY (Parenthetical) - \$ / shares 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 CONDENSED CONSOLIDATED STATEMENTS OF EQUITY Á Á Á Dividends paid per share \$ 0.51 \$ 0.07 \$ 0.67 \$ 0.21 X - DefinitionAggregate dividends paid during the period for each share of common stock outstanding. + ReferencesReference 1: 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_CommonStockDividendsPerShareCashPaid Namespace Prefix: us-gaap_Data Type: dtr-types:perShareItemType Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_StatementOfStockholdersEquityAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 24 R7.htm IDEA: XBRL DOCUMENT v3.24.3 CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS - USD (\$) in Thousands 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Cash flows from operating activities: Á Á Net income (loss) \$ 52,142 \$ (7,862) Depreciation and amortization 2,763 2,996 Deferred income taxes 10,588 (7,100) Equity in (earnings) losses of Kronos Worldwide, Inc. (30,431) 13,382 Dividends received from Kronos Worldwide, Inc. 15,144 20,075 Marketable equity securities (21,775) 10,468 Loss on pension plan termination Á 4,911 Benefit plan expense greater than cash funding 51 70 Noncash interest income (817) (2,833) Noncash interest expense 400 563 Other, net 233 235 Change in assets and liabilities: Á Á Accounts and other receivables, net 2,512 (1,908) Inventories, net 2,494 (3,199) Prepaid expenses and other (36) 103 Accounts payable and accrued liabilities (14,332) (13,183) Income taxes (26) (17) Accounts with affiliates 812 403 Accrued environmental remediation and related costs 518 (1,163) Other noncurrent assets and liabilities, net (3,647) (475) Net cash provided by operating activities 16,593 15,466 Cash flows from investing activities: Á Á Capital expenditures (1,194) (564) Marketable securities: Á Á Purchases Á (61,366) Proceeds from maturities 54,000 54,000 Note receivable from affiliate: Á Á Collections 20,400 21,900 Loans (17,700) (20,700) Net cash provided by (used in) investing activities 55,506 (6,730) Cash flows from financing activities: Á Á Dividends paid (32,726) (10,254) Dividends paid to noncontrolling interests in subsidiary (4,531) (1,167) Net cash used in financing activities (37,257) (11,421) Cash and cash equivalents and restricted cash and cash equivalents - net change from: Á Á Operating, investing and financing activities 34,842 (2,685) Balance at beginning of year 141,382 97,502 Balance at end of period 176,224 94,817 Supplemental disclosures - cash paid (received) for: Á Á Interest 39 37 Income taxes, net \$ 21 \$ (473) X - DefinitionDefined benefit plan net periodic benefit cost greater less than funding. + ReferencesNo definition available. + Details Name: nl_DefinedBenefitPlanNetPeriodicBenefitCostGreaterLessThanFunding Namespace Prefix: nl_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionRepresents the amount of settlement loss relating to pension plan. + ReferencesNo definition available. + Details Name: nl_DefinedBenefitPlanSettlementLoss Namespace Prefix: nl_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of noncash interest income. + ReferencesNo definition available. + Details Name: nl_NonCashInterestIncome Namespace Prefix: nl_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount recognized for the passage of time, typically for liabilities, that have been discounted to their net present values. Excludes accretion associated with asset retirement obligations. + ReferencesReference 1: http://www.xbrl.org/2003/role/exampleRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 35 -Paragraph 4 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481639/420-10-35-4Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 420 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482017/420-10-50-1 + Details Name: us-gaap_AccretionExpense 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 and cash equivalents, and cash and cash equivalents restricted to withdrawal or usage; excluding 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 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_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseExcludingExchangeRateEffect Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_CashCashEquivalentsRestrictedCashAndRestrictedCashEquivalentsPeriodIncreaseDecreaseExcludingExchangeRateEffectAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na 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 - DefinitionThe adjustment to exclude the noncash portion of, and include cash payments for environmental costs when calculating operating cash flows under the indirect method. The adjustment can include the increase (decrease) during an accounting period in total estimated obligations recorded for probable future loss attributable to environmental contamination issues. + 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_EnvironmentalExpenseAndLiabilities Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of distribution received from equity method investee for return on investment, classified as operating activities. Excludes distribution for return of investment, classified as investing activities. + 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/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1Reference 3: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Section 45 -

Paragraph 21D -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-51-21>Reference 4: [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/1943274/2147482740/230-10-45-28](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 10 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 2 -Subparagraph (SX 210.5-03(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2 + Details Name: us-gaap_EquityMethodInvestmentDividendsOrDistributions Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of income (loss) for proportionate share of equity method investee's income (loss). + ReferencesReference 1: <a href=)Reference 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/1943274/2147482964/270-10-50-1](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/1943274/2147482964/270-10-50-1)Reference 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/1943274/2147482810/280-10-50-32](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/1943274/2147482810/280-10-50-32)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph \(SX 210.7-04\(10\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.7-04(10)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1)Reference 5: <http://www.xbrl.org/2003/role/disclosureRef -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481664/323-10-45-1>Reference 6: [http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph \(g\) -Publisher FASB -URI https://asc.fasb.org/1943274/214748210/280-10-50-22](http://www.xbrl.org/2003/role/disclosureRef -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 22 -Subparagraph (g) -Publisher FASB -URI https://asc.fasb.org/1943274/214748210/280-10-50-22)Reference 7: [http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 2 -Subparagraph \(SX 210.5-03\(12\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 220 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 2 -Subparagraph (SX 210.5-03(12)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2)Reference 8: [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/1943274/2147482913/230-10-50-2A](http://fasb.org/us-gaap/role/ref/legacyRef -Topic 942 -SubTopic 220 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.9-04(13)(f)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1 + Details Name: us-gaap_IncomeLossFromEquityMethodInvestments 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: <a href=)Reference 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/1943274/2147482685/740-10-50-23>Reference 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/1943274/2147482685/740-10-50-22>Reference 4: <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/1943274/2147483443/250-10-50-6>Reference 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/1943274/2147483443/250-10-50-9>Reference 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/1943274/2147476176/805-60-65-1](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/1943274/2147476176/805-60-65-1)Reference 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/1943274/2147478666/740-323-65-2](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/1943274/2147478666/740-323-65-2)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph \(SX 210.4-08\(g\)\(1\)\(ii\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.4-08(g)(1)(ii)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-1)Reference 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/1943274/2147481687/323-10-50-3](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/1943274/2147481687/323-10-50-3)Reference 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/1943274/2147482907/825-10-50-28](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/1943274/2147482907/825-10-50-28)Reference 8: [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/1943274/2147483443/250-10-50-1](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/1943274/2147483443/250-10-50-1)Reference 9: [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/1943274/2147480175/815-40-65-1](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/1943274/2147480175/815-40-65-1)Reference 10: <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/1943274/2147483443/250-10-50-8>Reference 11: <http://www.xbrl.org/2003/role/exampleRef -Topic 946 -SubTopic 830 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147479168/946-830-55-11>Reference 12: [http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3](http://www.xbrl.org/2003/role/disclosureRef -Topic 946 -SubTopic 205 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478009/946-205-45-3)Reference 13: <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/1943274/2147479105/946-220-45-7>Reference 14: [http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph \(SX 210.7-04\(16\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.7-04(16)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1)Reference 15: <http://www.xbrl.org/2003/role/disclosureRef ->

[illegible]

Three months ended September 30, 2024 (in thousands) Accumulated other comprehensive loss, (net of tax and noncontrolling interest) \$ (181,076) \$ (181,619) \$ (178,191) \$ (177,119) Other comprehensive income (loss) \$ (345) \$ (1,521) \$ (3,230) \$ (2,979) Balance at end of period \$ (181,421) \$ (180,098) \$ (181,421) \$ (180,098) Defined benefit pension plans \$ (38,788) \$ (40,616) \$ (43,857) \$ (41,373) Other comprehensive income \$ (1,206) \$ (893) \$ (1,114) \$ (1,068) Amortization of prior service cost and net losses included in net periodic pension cost \$ 392.6 \$ 378.8 \$ 1,319.6 \$ 1,135 Plan settlements \$ 4,142 \$ 38,396 \$ (40,238) \$ (40,238) OPEB plans \$ (1,011) \$ (1,206) \$ (893) \$ (1,114) Other comprehensive loss \$ (1,251) \$ (1,068) \$ (1,251) \$ (1,068) Marketable debt securities \$ (142) \$ (142) \$ (142) \$ (142) Total accumulated other comprehensive loss \$ (221,098) \$ (221,098) \$ (221,098) \$ (221,098) Other comprehensive income (loss) \$ 718 \$ 1,847 \$ 1,964 \$ (1,966) Balance at end of period \$ (221,027) \$ (221,587) \$ (221,587) \$ (221,587) See Note 10 for amounts related to our defined benefit pension plans. X - References No definition available. + Details Name: us-gaap StockholdersEquityNoteAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Definition The entire disclosure for equity. + References Reference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13) Reference 2: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13) Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13) Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13) Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13) Reference 6: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13) Reference 7: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13) Reference 8: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13) Reference 9: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13) Reference 10: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13) Reference 11: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13) Reference 12: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13) Reference 13: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13) Reference 14: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13) Reference 15: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13) Reference 16: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13) Reference 17: [http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph \(h\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13](http://www.xbrl.org/2003/role/disclosureRef-Topic 505-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 13-Subparagraph (h)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481112/505-10-50-13) Reference 18:

sites, we have received general and special notices of liability from the EPA and/or state agencies alleging that we, sometimes with other PRPs, are liable for past and future costs of remediating environmental contamination allegedly caused by former operations. These notifications may assert that we, along with any other alleged PRPs, are liable for past and/or future clean-up costs. As further information becomes available to us for any of these sites, which would allow us to estimate a range of costs, we would at that time adjust our accruals. Any such adjustment could result in the recognition of an accrual that would have a material effect on our consolidated financial statements, results of operations and liquidity. Insurance coverage claimsWe are involved in certain legal proceedings with a number of our former insurance carriers regarding the nature and extent of the carriers' obligations to us under insurance policies with respect to certain lead pigment and asbestos lawsuits. The issue of whether insurance coverage for defense costs or indemnity or both will be found to exist for our lead pigment and asbestos litigation depends upon a variety of factors and we cannot assure you that such insurance coverage will be available. We have agreements with certain of our former insurance carriers pursuant to which the carriers reimburse us for a portion of our future lead pigment litigation defense costs, and one such carrier reimburses us for a portion of our future asbestos litigation defense costs. We are not able to determine how much we will ultimately recover from these carriers for defense costs incurred by us because of certain issues that arise regarding which defense costs qualify for reimbursement. While we continue to seek additional insurance recoveries, we do not know if we will be successful in obtaining reimbursement for either defense costs or indemnity. Accordingly, we recognize insurance recoveries in income only when receipt of the recovery is probable and we are able to reasonably estimate the amount of the recovery. For a complete discussion of certain litigation involving us and certain of our former insurance carriers, refer to our 2023 Annual Report. Other litigationIn addition to the litigation described above, we and our affiliates are also involved in various other environmental, contractual, product liability, patent (or intellectual property), employment and other claims and disputes incidental to present and former businesses. In certain cases, we have insurance coverage for these items, although we do not expect additional material insurance coverage for environmental matters. We currently believe the disposition of all of these various other claims and disputes (including asbestos-related claims), individually and in the aggregate, should not have a material adverse effect on our consolidated financial position, results of operations or liquidity beyond the accruals already provided. X - ReferencesNo definition available. + Details Name: us-gaap CommitmentsAndContingenciesDisclosureAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for commitments and contingencies. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 405 -SubTopic 30 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/405-30/tableOfContentReference> 2: [http://www.xbrl.org/2003/role/disclosureRef-Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4](http://www.xbrl.org/2003/role/disclosureRef-Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4) Reference 3: <http://www.xbrl.org/2009/role/commonPracticeRef-Topic 450 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/450/tableOfContentReference> 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 954 -SubTopic 440 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478522/954-440-50-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 954 -SubTopic 440 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478522/954-440-50-1) Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4](http://www.xbrl.org/2003/role/disclosureRef-Topic 440 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482648/440-10-50-4) Reference 6: <http://fasb.org/us-gaap/role/ref/legacyRef-Topic 440 -Name Accounting Standards Codification -Publisher FASB -URI https://asc.fasb.org/440/tableOfContent+Details Name: us-gaap CommitmentsAndContingenciesDisclosureTextBlock Namespace Prefix: us-gaap Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 38 R21.htm IDEA: XBRL DOCUMENT v3.24.3 Financial Instruments 9 Months Ended Sep. 30, 2024 Financial Instruments> NoteA 14A "Financial instruments: See NoteA 4 for information on how we determine fair value of our marketable securities. The following table presents the financial instruments that are not carried at fair value but which require fair value disclosure." December 31, 2023Cash, cash equivalents and restricted cash\$141,382\$141,382\$176,224\$176,224Due to their near-term maturities, the carrying amounts of accounts receivable and accounts payable are considered equivalent to fair value. X - ReferencesNo definition available. + Details Name: us-gaap FairValueDisclosuresAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for financial instruments. This disclosure includes, but is not limited to, fair value measurements of short and long term marketable securities, international currencies forward contracts, and auction rate securities. Financial instruments may include hedging and non-hedging currency exchange instruments, derivatives, securitizations and securities available for sale at fair value. Also included are investment results, realized and unrealized gains and losses as well as impairments and risk management disclosures. + ReferencesNo definition available. + Details Name: us-gaap FinancialInstrumentsDisclosureTextBlock Namespace Prefix: us-gaap Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 39 R22.htm IDEA: XBRL DOCUMENT v3.24.3 Recent Accounting Pronouncements 9 Months Ended Sep. 30, 2024 Recent Accounting Pronouncements "Recent Accounting Pronouncements Note 15A "A Recent Accounting Pronouncements: In November 2023, the Financial Accounting Standards Board (FASB) issued ASU 2023-07, Segment Reporting (Topic 280): Improvements to Reportable Segment Disclosures. The ASU requires public companies to disclose significant segment expenses and other segment items on an annual and interim basis. The ASU also mandates public companies to provide all annual segment disclosures currently required annually in interim periods. Public companies will also be required to disclose the title and position of the chief operating decision maker (CODM) and explain how the CODM uses the reported measure of segment profit or loss in assessing segment performance and allocation of resources. The ASU is effective for us beginning with our 2024 Annual Report, and for interim reporting, in the first quarter of 2025, with retrospective application required. We are in the process of evaluating the additional disclosure requirements. In December 2023, the FASB issued ASU 2023-09, Income Taxes (Topic 740): Improvements to Income Tax Disclosures. The ASU requires additional annual disclosure and disaggregation for the rate reconciliation, income taxes paid and income tax expense by federal, state and foreign tax jurisdictions. In addition, the standard increases the disclosure requirements for items included in the rate reconciliation that meet a quantitative threshold. The ASU is effective for us beginning with our 2025 Annual Report. The ASU may be applied prospectively; however, entities have the option to apply it retrospectively. We are in the process of evaluating the additional disclosure requirements." X - ReferencesNo definition available. + Details Name: us-gaap NewAccountingPronouncementsAndChangesInAccountingPrinciplesAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionThe entire disclosure for change in accounting principle. Includes, but is not limited to, nature, reason, and method of adopting amendment to accounting standards or other change in accounting principle. + ReferencesReference 1: [http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph \(b\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476173/280-10-65-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147476173/280-10-65-1) Reference 2: [http://www.xbrl.org/2003/role/disclosureRef-Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(b\)\(4\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1) Reference 3: [http://www.xbrl.org/2003/role/disclosureRef-Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 7 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-7](http://www.xbrl.org/2003/role/disclosureRef-Topic 105 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 7 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479343/105-10-65-7) Reference 4: [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/1943274/2147476176/805-60-65-1](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/1943274/2147476176/805-60-65-1) Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(c\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483550/848-10-65-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483550/848-10-65-2) Reference 6: [http://www.xbrl.org/2003/role/disclosureRef-Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(g\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2) Reference 7: [http://www.xbrl.org/2003/role/disclosureRef-Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(g\)\(4\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2) Reference 8: [http://www.xbrl.org/2003/role/disclosureRef-Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(g\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 740 -SubTopic 323 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147478666/740-323-65-2) Reference 9: [http://www.xbrl.org/2003/role/disclosureRef-Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(d\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483550/848-10-65-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 848 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483550/848-10-65-2) Reference 10: [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/1943274/2147480016/944-40-65-2](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/1943274/2147480016/944-40-65-2) Reference 12: [http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(g\)\(2\)\(ii\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(ii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2) Reference 13: [http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(g\)\(2\)\(iii\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(iii) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2) Reference 14: [http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(g\)\(2\)\(iv\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 944 -SubTopic 40 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (g)(2)(iv) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480016/944-40-65-2) Reference 15: [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/1943274/2147480016/944-40-65-2](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/1943274/2147480016/944-40-65-2) Reference 16: [http://www.xbrl.org/2003/role/disclosureRef-Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 5 -Subparagraph \(SAB Topic 11.M.Q2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480530/250-10-599-5](http://www.xbrl.org/2003/role/disclosureRef-Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 5 -Subparagraph (SAB Topic 11.M.Q2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480530/250-10-599-5) Reference 17: [http://www.xbrl.org/2003/role/disclosureRef-Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph \(i\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6](http://www.xbrl.org/2003/role/disclosureRef-Topic 815 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 6 -Subparagraph (i)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480528/815-20-65-6) Reference 18: [http://www.xbrl.org/2003/role/disclosureRef-Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(a\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1) Reference 19: [http://www.xbrl.org/2003/role/disclosureRef-Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 4 -Subparagraph \(e\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/326-10-65-4](http://www.xbrl.org/2003/role/disclosureRef-Topic 326 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 4 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/326-10-65-4) Reference 20: [http://www.xbrl.org/2003/role/disclosureRef-Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 4 -Subparagraph \(e\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/926-10-65-4](http://www.xbrl.org/2003/role/disclosureRef-Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 4 -Subparagraph (e)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147479654/926-10-65-4) Reference 21: [http://www.xbrl.org/2003/role/disclosureRef-Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(f\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483194/926-20-65-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483194/926-20-65-2) Reference 22: [http://www.xbrl.org/2003/role/disclosureRef-Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(f\)\(2\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483194/926-20-65-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483194/926-20-65-2) Reference 23: [http://www.xbrl.org/2003/role/disclosureRef-Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph \(f\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483194/926-20-65-2](http://www.xbrl.org/2003/role/disclosureRef-Topic 926 -SubTopic 20 -Name Accounting Standards Codification -Section 65 -Paragraph 2 -Subparagraph (f)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483194/926-20-65-2) Reference 24: <http://www.xbrl.org/2003/role/disclosureRef-Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 6 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480530/250-10-599-6> Reference 25: [http://www.xbrl.org/2003/role/disclosureRef-Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(c\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1) Reference 26: [http://www.xbrl.org/2003/role/disclosureRef-Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph \(b\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483443/250-10-50-1) Reference 27: [http://www.xbrl.org/2003/role/disclosureRef-Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph \(e\)\(1\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 250 -SubTopic 10 -Name Accounting Standards Codification -Section 65 -Paragraph 1 -Subparagraph (e)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480175/815-40-65-1) + Details Name: us-gaap NewAccountingPronouncementsAndChangesInAccountingPrinciplesTextBlock Namespace Prefix: us-gaap Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 40 R23.htm IDEA: XBRL DOCUMENT v3.24.3 Organization and basis of presentation (Policies) 9 Months Ended Sep. 30, 2024 Organization and basis of presentation "A Organization OrganizationA "At September 30, 2024, Valhi, Inc. (NYSE: VHI) held approximately 83% of our outstanding common stock and a wholly-owned subsidiary of Contran Corporation held approximately 91% of Valhi's outstanding common stock. A majority of Contran's outstanding voting stock is held directly by Lisa K. Simmons and by family stockholders (Thomas C. Connelly (the husband of Ms. Simmons' late sister), a family-owned entity and various family trusts established for the benefit of Ms. A Simmons, Mr. Connelly and their children) who are required to vote their shares of Contran voting stock in the same manner as Ms. Simmons. Such voting rights are personal to Ms. A Simmons and last through April 22, 2030. The remainder of Contran's outstanding voting stock is held by another trust (the Family Trust), which was established for the benefit of Ms. A Simmons and her late sister and their children and for which a third-party financial institution serves as trustee. Consequently, at September 30, 2024 Ms. A Simmons and the Family Trust may be deemed to control Contran, and therefore may be deemed to indirectly control the wholly-owned subsidiary of Contran, Valhi and us. Basis of presentation Basis of presentationA "Consolidated in this Quarterly Report are the results of our majority-owned subsidiary, CompX International Inc. We also own approximately 31% of Kronos Worldwide, Inc. (Kronos). CompX (NYSE American: CIX) and Kronos (NYSE: KRO) each file periodic reports with the Securities and Exchange Commission (SEC). The unaudited Condensed Consolidated Financial Statements contained in this Quarterly Report have been prepared on the same basis as the audited Consolidated Financial Statements in our Annual Report on Form 10-K for the year ended December 31, 2023 that we filed with the SEC on March 6, 2024 (the 2023 Annual Report). In our opinion, we have made all necessary adjustments (which include only normal recurring adjustments) in order to state fairly, in all material respects, our consolidated financial position, results of operations and cash flows as of the dates and for the periods presented. We have condensed the Consolidated Balance Sheet at December 31, 2023 contained in this Quarterly Report as compared to our audited Consolidated Financial Statements at that date, and we have omitted certain information and footnote disclosures (including those related to the Consolidated Balance Sheet at December 31, 2023) normally included in financial statements prepared in accordance with accounting principles generally accepted in the United States of America (GAAP). Our results of operations for the interim periods ended September 30, 2024 may not be indicative of our operating results for the full year. The Condensed Consolidated Financial Statements contained in this Quarterly Report should be read in conjunction with our 2023 Consolidated Financial Statements contained in our 2023 Annual Report. Cash dividends in 2024 include a \$.43 per share special dividend. Unless otherwise indicated, references in this report to "NL" refer to NL Industries, Inc. and its subsidiaries and affiliate, Kronos, taken as a whole. X - DefinitionOrganization. + ReferencesNo definition available. + Details Name: nl OrganizationPolicyTextBlock Namespace Prefix: nl Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration 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 for basis of accounting, or basis of presentation, used to prepare the financial statements (for example, US Generally Accepted Accounting Principles, Other Comprehensive Basis of Accounting, IFRS). + ReferencesNo definition available. + Details Name: us-gaap BasisOfAccountingPolicyPolicyTextBlock Namespace Prefix: us-gaap Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 41 R24.htm IDEA: XBRL DOCUMENT v3.24.3 Accounts and other receivables, net (Tables) 9 Months Ended Sep. 30, 2024 Accounts and other receivables, net A Schedule of Accounts Notes Loans and Financing Receivable December 31, 2023September 30, 2024Accounts and other receivables, net A Schedule of Accounts Notes Loans and Financing Receivable December 31, 2023September 30, 2024Allowance for doubtful accounts (70) (70)Total \$ 17,101 \$ 14,582 X - ReferencesNo definition available. + Details Name: us-gaap ReceivablesAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the various types of trade accounts and notes receivable and for each the gross carrying value, allowance, and net carrying value as of the balance sheet date. Presentation is categorized by current, noncurrent and unclassified receivables. + ReferencesReference 1: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph \(SX 210.5-02\(4\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-599-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.5-02(4)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-599-1) Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph \(SX 210.5-02\(3\)\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-599-1](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 599 -Paragraph 1 -Subparagraph (SX 210.5-02(3)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-599-1) + Details Name: us-gaap ScheduleOfAccountsNotesLoansAndFinancingReceivableTextBlock Namespace Prefix: us-gaap Data Type: dtr-types:textBlockItemType Balance Type: na Period Type: duration XML 42 R25.htm IDEA: XBRL DOCUMENT v3.24.3 Inventories, net (Tables) 9 Months Ended Sep. 30, 2024 Inventories, net A Schedule of Inventories, Net December 31, 2023September 30, 2024Inventories, net A Schedule of Inventories, Net December 31, 2023September 30, 2024Raw materials \$ 5,738 \$ 5,700 Work in process \$ 19,042 \$ 19,042

20230101

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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:textBlockItem Type Balance Type: na Period Type: duration XML 43 R26.htm IDEA: XBRL DOCUMENT v3.24.3 Marketable securities (Tables) 9 Months Ended Sep. 30, 2024 Investments, Debt and Equity Securities [Abstract] Á Schedule of Marketable Securities

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the reconciliation of available-for-sale securities from cost basis to fair value. + ReferencesNo definition available. + Details Name: us-gaap_ InvestmentsDebtAndEquitySecuritiesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the reconciliation of available-for-sale securities from cost basis to fair value. + ReferencesNo definition available. + Details Name: us-gaap_ ScheduleOfAvailableForSaleSecuritiesReconciliationTableTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration XML 44 R27.htm IDEA: XBRL DOCUMENT v3.24.3 Investment in Kronos Worldwide, Inc. (Tables) 9 Months Ended Sep. 30, 2024 Investment in Kronos Worldwide, Inc. Changes in Carrying Value of Investment

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of condensed balance sheet, including, but not limited to, balance sheets of consolidated entities and consolidation eliminations. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-04(a)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480678/235-10-S99-3> + Details Name: srt_ ScheduleOfCondensedBalanceSheetTableTextBlock Namespace Prefix: srt_ Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration X - DefinitionTabular disclosure of condensed income statement, including, but not limited to, income statements of consolidated entities and consolidation eliminations. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Name Regulation S-X (SX) -Number 210 -Section 12 -SubSection 04 -Paragraph a -Publisher SECReference 2: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-04(a)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480678/235-10-S99-3> + Details Name: srt_ ScheduleOfCondensedIncomeStatementTableTextBlock Namespace Prefix: srt_ Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_ EquityMethodInvestmentsAndJointVenturesAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of equity method investments including, but not limited to, name of each investee or group of investments, percentage ownership, difference between recorded amount of an investment and the value of the underlying equity in the net assets, and summarized financial information. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481687/323-10-50-3> + Details Name: us-gaap_ EquityMethodInvestmentsTextBlock Namespace Prefix: us-gaap_ Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration XML 45 R28.htm IDEA: XBRL DOCUMENT v3.24.3 Accrued and other current liabilities (Tables) 9 Months Ended Sep. 30, 2024 Accrued and other current liabilities

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of other noncurrent liabilities. + ReferencesNo definition available. + Details Name: us-gaap_ PayablesAndAccrualsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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:textBlockItem Type Balance Type: na Period Type: duration XML 46 R29.htm IDEA: XBRL DOCUMENT v3.24.3 Other noncurrent liabilities (Tables) 9 Months Ended Sep. 30, 2024 Other noncurrent liabilities

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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:textBlockItem Type Balance Type: na Period Type: duration XML 46 R29.htm IDEA: XBRL DOCUMENT v3.24.3 Other noncurrent liabilities (Tables) 9 Months Ended Sep. 30, 2024 Other noncurrent liabilities

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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:textBlockItem Type Balance Type: na Period Type: duration XML 46 R29.htm IDEA: XBRL DOCUMENT v3.24.3 Other noncurrent liabilities (Tables) 9 Months Ended Sep. 30, 2024 Other noncurrent liabilities

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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:textBlockItem Type Balance Type: na Period Type: duration XML 46 R29.htm IDEA: XBRL DOCUMENT v3.24.3 Other noncurrent liabilities (Tables) 9 Months Ended Sep. 30, 2024 Other noncurrent liabilities

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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:textBlockItem Type Balance Type: na Period Type: duration XML 46 R29.htm IDEA: XBRL DOCUMENT v3.24.3 Other noncurrent liabilities (Tables) 9 Months Ended Sep. 30, 2024 Other noncurrent liabilities

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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:textBlockItem Type Balance Type: na Period Type: duration XML 46 R29.htm IDEA: XBRL DOCUMENT v3.24.3 Other noncurrent liabilities (Tables) 9 Months Ended Sep. 30, 2024 Other noncurrent liabilities

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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:textBlockItem Type Balance Type: na Period Type: duration XML 46 R29.htm IDEA: XBRL DOCUMENT v3.24.3 Other noncurrent liabilities (Tables) 9 Months Ended Sep. 30, 2024 Other noncurrent liabilities

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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:textBlockItem Type Balance Type: na Period Type: duration XML 46 R29.htm IDEA: XBRL DOCUMENT v3.24.3 Other noncurrent liabilities (Tables) 9 Months Ended Sep. 30, 2024 Other noncurrent liabilities

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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:textBlockItem Type Balance Type: na Period Type: duration XML 46 R29.htm IDEA: XBRL DOCUMENT v3.24.3 Other noncurrent liabilities (Tables) 9 Months Ended Sep. 30, 2024 Other noncurrent liabilities

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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:textBlockItem Type Balance Type: na Period Type: duration XML 46 R29.htm IDEA: XBRL DOCUMENT v3.24.3 Other noncurrent liabilities (Tables) 9 Months Ended Sep. 30, 2024 Other noncurrent liabilities

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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:textBlockItem Type Balance Type: na Period Type: duration XML 46 R29.htm IDEA: XBRL DOCUMENT v3.24.3 Other noncurrent liabilities (Tables) 9 Months Ended Sep. 30, 2024 Other noncurrent liabilities

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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:textBlockItem Type Balance Type: na Period Type: duration XML 46 R29.htm IDEA: XBRL DOCUMENT v3.24.3 Other noncurrent liabilities (Tables) 9 Months Ended Sep. 30, 2024 Other noncurrent liabilities

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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:textBlockItem Type Balance Type: na Period Type: duration XML 46 R29.htm IDEA: XBRL DOCUMENT v3.24.3 Other noncurrent liabilities (Tables) 9 Months Ended Sep. 30, 2024 Other noncurrent liabilities

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration 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:textBlockItem Type Balance Type: na Period Type: duration XML 46 R29.htm IDEA: XBRL DOCUMENT v3.24.3 Other noncurrent liabilities (Tables) 9 Months Ended Sep. 30, 2024 Other noncurrent liabilities

us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionTabular disclosure of the components of accrued liabilities. + ReferencesNo definition available. + Details Name: us-gaap_ ScheduleOfAccruedLiabilities

Details Name: us-gaap_ScheduleOfEnvironmentLossContingenciesBySiteTextBlockNameSpace Prefix: us-gaap Data Type: xbrl:stringItemType Balance Type: na Period Type: duration XML 52 R35.htm IDEA: XBRL DOCUMENT v3.24.3 Financial Instruments (Tables) 9 Months Ended Sep. 30, 2024 Financial Instruments A Schedule of Financial Instruments Not Carried at Fair Value
csh&e;\$141,382&e;\$141,382&e;\$176,224&e;\$176,224 X - DefinitionTabular disclosure of the fair value of financial instruments, including financial assets and financial liabilities, and the measurements of those instruments, assets, and liabilities. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef>-Name Accounting Standards Codification -Topic 825 -SubTopic 10 -Section 50 -Paragraph 11 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482907/825-10-50-11> + Details Name: us-gaap_FairValueByBalanceSheetGroupingTextBlock Namespace Prefix: us-gaap Data Type: dtr-types:textBlockItem Type Balance Type: na Period Type: duration X - ReferencesNo definition available. + Details Name: us-gaap_FairValueDisclosuresAbstract Namespace Prefix: us-gaap Data Type: xbrl:stringItem Type Balance Type: na Period Type: duration XML 53 R36.htm IDEA: XBRL DOCUMENT v3.24.3 Organization and basis of presentation -Additional Information (Detail) Sep. 30, 2024 \$ / shares Significant Accounting Policies [Line Items] A Special dividend per share \$ 0.43 Kronos A Significant Accounting Policies [Line Items] A Parent company ownership interest 31.00% Parent Company | Valhi Inc A Significant Accounting Policies [Line Items] A Parent company ownership interest 83.00% Parent Company | Valhi Inc | Contran Corporation A Significant Accounting Policies [Line Items] A Parent company ownership interest 91.00% X - DefinitionSignificant accounting policies. + ReferencesNo definition available. + Details Name: nl_SignificantAccountingPoliciesLineItems Namespace Prefix: nl Data Type: xbrl:stringItem Type Balance Type: na Period Type: duration X - DefinitionThe per share amount of a special dividend declared. + ReferencesNo definition available. + Details Name: nl_SpecialDividendAmountPerShare Namespace Prefix: nl Data Type: dtr-types:perShareItem Type Balance Type: na Period Type: instant X - DefinitionThe percentage of ownership of common stock or equity participation in the investee accounted for under the equity method of accounting. + ReferencesReference 1: <http://www.xbrl.org/2003/role/disclosureRef>-Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481687/323-10-50-3> + Details Name: us-gaap_EquityMethodInvestmentOwnershipPercentage Namespace Prefix: us-gaap Data Type: dtr-types:percentItem Type Balance Type: na Period Type: instant X - DefinitionThe parent entity's interest in net assets of the subsidiary, expressed as a percentage. + ReferencesNo definition available. + Details Name: us-gaap_MinorityInterestOwnershipPercentageByParent Namespace Prefix: us-gaap Data Type: dtr-types:percentItem Type Balance Type: na Period Type: instant X -Details Name: srt_ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis=nl_KronosWorldwideIncMember Namespace Prefix: Data Type: na Balance Type: Period Type: X -Details Name: srt_ConsolidatedEntitiesAxis=srt_ParentCompanyMember Namespace Prefix: Data Type: na Balance Type: Period Type: X -Details Name: srt_OwnershipAxis=nl_ValhiIncMember Namespace Prefix: Data Type: na Balance Type: Period Type: X -Details Name: dei_LegalEntityAxis=nl_ContranCorporationMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 54 R37.htm IDEA: XBRL DOCUMENT v3.24.3 Accounts and other receivables, net -Schedule of Accounts Notes Loans and Financing Receivable (Detail) -USD (\$) in Thousands Sep. 30, 2024 Dec. 31, 2023 Accounts and other receivables, net A Other receivables \$ 124 \$ 40 Total 14,582 17,101 CompX A Accounts and other receivables, net A Trade receivables 14,528 17,131 Allowance for doubtful accounts \$ (70) \$ (70) X - DefinitionAmount, after allowance, receivable from customers, clients, or other third-parties, and receivables classified as other due within one year or the normal operating cycle, if longer. + ReferencesNo definition available. + Details Name: us-gaap_AccountsAndOtherReceivablesNetCurrent Namespace Prefix: us-gaap Data Type: xbrl:monetaryItem Type Balance Type: debit Period Type: instant 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. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef>-Topic 310 -SubTopic 20 -Name Accounting Standards Codification -Section 40 -Paragraph 7 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481628/310-20-40-7>Reference 2: <http://www.xbrl.org/2003/role/disclosureRef>-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_AccountsNotesAndLoansReceivableLineItems Namespace Prefix: us-gaap Data Type: xbrl:stringItem Type Balance Type: na Period Type: duration X - DefinitionAmount, before 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/2003/role/disclosureRef>-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>Reference 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(3)(a))(1)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 3: <http://www.xbrl.org/2003/role/exampleRef>-Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483467/210-10-45-1> + Details Name: us-gaap_AccountsReceivableGrossCurrent Namespace Prefix: us-gaap Data Type: xbrl:monetaryItem Type Balance Type: debit Period Type: instant 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-S99-1>Reference 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/1943274/2147479344/326-20-45-1>Reference 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: xbrl:monetaryItem Type Balance Type: credit Period Type: instant X - DefinitionAmount, before allowance, of receivables classified as other, due within one year or the operating cycle, if longer. + 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(3)(a))(4)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_OtherReceivablesGrossCurrent Namespace Prefix: us-gaap Data Type: xbrl:monetaryItem Type Balance Type: debit Period Type: instant X -Details Name: dei_LegalEntityAxis=nl_CompXInternationalIncMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 55 R38.htm IDEA: XBRL DOCUMENT v3.24.3 Inventories, net -Schedule of Inventories, Net (Detail) -USD (\$) in Thousands Sep. 30, 2024 Dec. 31, 2023 Inventories, net A Raw materials \$ 5,700 \$ 5,738 Work in process 17,430 19,042 Finished products 4,878 5,932 Total \$ 28,008 \$ 30,712 X - ReferencesNo definition available. + Details Name: us-gaap_InventoryDisclosureAbstract Namespace Prefix: us-gaap Data Type: xbrl:stringItem Type Balance Type: na Period Type: duration 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-S99-2>Reference 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))(4)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1> + Details Name: us-gaap_InVENTORYRawMaterialsNetOfReserves Namespace Prefix: us-gaap Data Type: xbrl:monetaryItem Type 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-S99-2>

contingent consideration liability \$ 15.0 \AA \AA Business combination contingent consideration earn-out period 2 years \AA \AA Estimated fair value of the earn-out \$ 4.2 \AA \AA Proceeds from lines of credit 132.1 \AA \AA Non-cash gain before tax associated with remeasurement \AA \AA 64.5 \AA \AA Non-cash gain, net of income tax expense \AA \AA 50.9 \AA \AA Kronos | Louisiana Pigment Company | Aggregate EBITDA is 650 Million \AA \AA \AA Schedule Of Equity Method Investments [Line Items] \AA \AA \AA Business combination contingent consideration liability 5.0 \AA \AA Expected aggregate EBITDA achieved for earn out period 650.0 \AA \AA \AA Kronos | Louisiana Pigment Company | Aggregate EBITDA is 730 Million \AA \AA \AA Schedule Of Equity Method Investments [Line Items] \AA \AA \AA Business combination contingent consideration liability 15.0 \AA \AA Expected aggregate EBITDA achieved for earn out period 730.0 \AA \AA \AA Kronos | Louisiana Pigment Company | Aggregate EBITDA is between 650 Million and 730 Million \AA \AA \AA Schedule Of Equity Method Investments [Line Items] \AA \AA \AA Business combination contingent consideration liability 10.0 \AA \AA \AA Kronos | Louisiana Pigment Company | Maximum | Aggregate EBITDA is between 650 Million and 730 Million \AA \AA \AA Schedule Of Equity Method Investments [Line Items] \AA \AA \AA Expected aggregate EBITDA achieved for earn out period 730.0 \AA \AA \AA Kronos | Louisiana Pigment Company | Minimum | Aggregate EBITDA is between 650 Million and 730 Million \AA \AA \AA Schedule Of Equity Method Investments [Line Items] \AA \AA \AA Expected aggregate EBITDA achieved for earn out period 650.0 \AA \AA \AA Kronos \AA \AA \AA Schedule Of Equity Method Investments [Line Items] \AA \AA \AA Number of shares owned | shares \AA \AA 35.2 35.2 Aggregate market value \AA \AA \AA 438.5 \AA \AA 350.1 Quoted market price per share | \$ / shares \AA \AA \AA 12.45 \AA \AA 9.94 \AA \AA - DefinitionRepresents the additional production volume acquired as a result of business combination. + ReferencesNo definition available. + Details Name: nl_BusinessAcquisitionAdditionalProductionVolumeAcquired Namespace Prefix: nl_Data Type: dtr-types:massItemType Balance Type: na Period Type: duration X - DefinitionThe period during which the earnout performance criteria of the acquiree is measured for the potential payment of contingent consideration, in 'PnYnMnDnHnMnS' format, for example, 'P1Y5M13D' represents the reported fact of one year, five months, and thirteen days. + ReferencesNo definition available. + Details Name: nl_BusinessCombinationContingentConsiderationEarnOutPeriod Namespace Prefix: nl_Data Type: xbrli:durationItemType Balance Type: na Period Type: duration X - DefinitionIn a business combination achieved in stages, this element represents the amount of gain before tax recognized by the entity as a result of remeasuring to fair value the equity interest in the acquiree it held before the business combination. + ReferencesNo definition available. + Details Name: nl_BusinessCombinationStepAcquisitionEquityInterestInAcquireeRemeasurementGainBeforeTax Namespace Prefix: nl_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionWorking capital adjustments in a business combination at the acquisition date. + ReferencesNo definition available. + Details Name: nl_BusinessCombinationWorkingCapitalAdjustment Namespace Prefix: nl_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThe amount of Earnings before interest, taxes, depreciation, and amortization expected o achieve during the earn out period. + ReferencesNo definition available. + Details Name: nl_ExpectedAggregateEbitdaAchievedForEarnOutPeriod Namespace Prefix: nl_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionPercentage of voting equity interests acquired at the acquisition date in the business combination. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 805 -SubTopic 10 -Section 50 -Paragraph 2 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479328/805-10-50-2> + Details Name: us-gaap_BusinessAcquisitionPercentageOfVotingInterestsAcquired Namespace Prefix: us-gaap_Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionAmount of liabilities incurred by the acquirer as part of consideration transferred in a business combination. + ReferencesReference 1: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 805 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479581/805-30-50-1>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 805 -SubTopic 30 -Section 25 -Paragraph 5 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479668/805-30-25-5>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 30 -Paragraph 8 -SubTopic 30 -Topic 805 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479637/805-30-30-8>Reference 4: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 30 -Paragraph 7 -SubTopic 30 -Topic 805 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479637/805-30-30-7> + Details Name: us-gaap_BusinessCombinationConsiderationTransferredLiabilitiesIncurred Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of liability recognized arising from contingent consideration in a business combination. + ReferencesReference 1: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2)(i) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2>Reference 2: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2>Reference 3: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Subparagraph (bbb)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482106/820-10-50-2>Reference 4: <http://fasb.org/us-gaap/role/ref/legacyRef> -Topic 805 -SubTopic 30 -Name Accounting Standards Codification -Section 35 -Paragraph 1 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479613/805-30-35-1>Reference 5: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 805 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (c)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479581/805-30-50-1>Reference 6: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 805 -SubTopic 30 -Section 25 -Paragraph 6 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479668/805-30-25-6> + Details Name: us-gaap_BusinessCombinationContingentConsiderationLiability Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionPercentage of equity in the acquiree held by the acquirer immediately before the acquisition date in a business combination. + ReferencesNo definition available. + Details Name: us-gaap_BusinessCombinationStepAcquisitionEquityInterestInAcquireePercentage Namespace Prefix: us-gaap_Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionIn a business combination achieved in stages, this element represents the amount of gain recognized by the entity as a result of remeasuring to fair value the equity interest in the acquiree it held before the business combination. + ReferencesReference 1: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 805 -SubTopic 10 -Section 50 -Paragraph 2 -Subparagraph (g)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479328/805-10-50-2> + Details Name: us-gaap_BusinessCombinationStepAcquisitionEquityInterestInAcquireeRemeasurementGain Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThis item represents the aggregate value of each identified investment accounted for under the equity method of accounting based on the quoted market price for those investments in common stock for which a quoted market price is available. + ReferencesReference 1: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481687/323-10-50-3> + Details Name: us-gaap_EquityMethodInvestmentQuotedMarketValue Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionNumber of shares of investment owned. + ReferencesReference 1: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (c) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478795/946-210-50-6>Reference 2: <http://www.xbrli.org/2003/role/exampleRef> -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 55 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477439/946-210-55-1>Reference 3: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 946 -SubTopic 210 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (a)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147478795/946-210-50-1>Reference 4: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.12-12(Column B)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477271/946-320-S99-1>Reference 5: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 946 -SubTopic 320 -Name Accounting Standards Codification -Section S99 -Paragraph 6 -Subparagraph (SX 210.12-14(Column B)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477271/946-320-S99-6> + Details Name: us-gaap_InvestmentOwnedBalanceShares Namespace Prefix: us-gaap_Data Type: xbrli:sharesItemType Balance Type: na Period Type: instant X - DefinitionThe cash outflow associated with the acquisition of business during the period. The cash portion only of the acquisition price. + ReferencesReference 1: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 805 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Subparagraph (b)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147479581/805-30-50-1>Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Topic 230 -SubTopic 10 -Section 45 -Paragraph 13 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-13> + Details Name: us-gaap_PaymentsToAcquireBusinessesGross 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.xbrli.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>Reference 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 - 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. + ReferencesReference 1: <http://www.xbrli.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-S99-1>Reference 2: <http://www.xbrli.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/1943274/2147481687/323-10-50-3>Reference 3: <http://www.xbrli.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/1943274/2147482907/825-10-50-28>Reference 4: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481687/323-10-50-3>Reference 5: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(2) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481687/323-10-50-3>Reference 6: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (b) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481687/323-10-50-3> + Details Name: us-gaap_ScheduleOfEquityMethodInvestmentsLineItems Namespace Prefix: us-gaap_Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionPrice of a single share of a number of saleable stocks of a company. + ReferencesNo definition available. + Details Name: us-gaap_SharePrice Namespace Prefix: us-gaap_Data Type: dtr-types:perShareItemType Balance Type: na Period Type: instant X - Details Name: dei_LegalEntityAxis=nl_KronosWorldwideIncMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_BusinessAcquisitionAxis=nl_LouisianaPigmentCompanyMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementScenarioAxis=nl_AggregateEbitdals650MillionMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementScenarioAxis=nl_AggregateEbitdals730MillionMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_StatementScenarioAxis=nl_AggregateEbitdalsBetween650MillionAnd730MillionMember 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: srt_RangeAxis=srt_MinimumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_ScheduleOfEquityMethodInvestmentEquityMethodInvesteeNameAxis=nl_KronosWorldwideIncMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML S9 R42.htm IDEA: XBRL DOCUMENT v.3.24.3 Investment in Kronos Worldwide, Inc. - Changes in Carrying Value of Investment (Detail) - USD (\$) in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Schedule Of Equity Method Investments [Line Items] \AA \AA \AA Balance at the beginning of the period \AA \AA 247,582 \AA \AA Equity in earnings of Kronos \$ 21,982 \$ (6,229) 30,431 \$ (13,382) Dividends received from Kronos \AA \AA (15,144) \$ (20,075) Equity in Kronos' other comprehensive income (loss) \AA \AA \AA Balance at the end of the period 259,556 \AA 259,556 \AA Kronos \AA \AA Schedule Of Equity Method Investments [Line Items] \AA \AA \AA Balance at the beginning of the period \AA \AA 247,600 \AA \AA Equity in earnings of Kronos \AA \AA 30,400 \AA \AA Dividends received from Kronos \AA \AA (15,100) \AA \AA Equity in Kronos' other comprehensive income (loss) \AA \AA \AA Currency translation \AA \AA (3,700) \AA \AA Balance at the end of the period \AA \AA 259,600 \AA 259,600 \AA Kronos | Defined Benefit Pension Plans \AA \AA \AA Equity in Kronos' other comprehensive income (loss) \AA \AA \AA Defined benefit pension plans \AA \AA 400 \AA \AA X - DefinitionAmount of distribution received from equity method investee for return on investment, classified as operating activities. Excludes distribution for return of investment, classified as investing activities. + 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/1943274/2147482740/230-10-45-28>Reference 2: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(10)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1>Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef> -Name Accounting Standards Codification -Section 45 -Paragraph 21D -SubTopic 10 -Topic 230 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-21D>Reference 4: <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(12)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483621/220-10-S99-2> + Details Name: us-gaap_EquityMethodInvestmentDividendsOrDistributions Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionThis item represents the carrying amount on the entity's balance sheet of its investment in common stock of an equity method investee. This is not an indicator of the fair value of the investment, rather it is the initial cost adjusted for the entity's share of earnings and losses of the investee, adjusted for any distributions (dividends) and other than temporary impairment (OTTI) losses recognized. + ReferencesReference 1: <http://www.xbrli.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/1943274/2147482964/270-10-50-1>Reference 2: <http://www.xbrli.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/1943274/2147482810/280-10-50-32>Reference 3: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481664/323-10-45-1>Reference 4: <http://www.xbrli.org/2009/role/commonPracticeRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Subparagraph (a)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481687/323-10-50-3>Reference 5: <http://www.xbrli.org/2009/role/commonPracticeRef> -Topic 210 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.5-02(10)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 6: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 280 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 25 -Subparagraph (a) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482810/280-10-50-25> + Details Name: us-gaap_EquityMethodInvestments Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant X - DefinitionAmount of income (loss) for proportionate share of equity method investee's income (loss). + 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/1943274/2147482740/230-10-45-28>Reference 2: <http://www.xbrli.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/1943274/2147482964/270-10-50-1>Reference 3: <http://www.xbrli.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/1943274/2147482810/280-10-50-32>Reference 4: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 944 -SubTopic 220 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SX 210.7-04(10)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147477250/944-220-S99-1>Reference 5: <http://www.xbrli.org/2003/role/disclosureRef> -Topic 323 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 1 -Publisher FASB -URI

asc.fasb.org/1943274/2147481664/323-10-45-1Reference 6: [http://www.xbrl.org/2003/role/disclosureRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 22-Subparagraph \(g\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-22](http://www.xbrl.org/2003/role/disclosureRef-Topic 280-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 22-Subparagraph (g)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482810/280-10-50-22)Reference 7: [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\(12\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2](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(12))-Publisher FASB-URI https://asc.fasb.org/1943274/2147483621/220-10-S99-2)Reference 8: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section 45-Paragraph 10A-Subparagraph \(a\)-SubTopic 10-Topic 220-Publisher FASB-URI https://asc.fasb.org/1943274/2147482790/220-10-45-10A](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(13)(f))-Publisher FASB-URI https://asc.fasb.org/1943274/2147478524/942-220-S99-1+Details Name: us-gaap_IncomeLossFromEquityMethodInvestments Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X-ReferencesNo definition available.+Details Name: us-gaap_OtherComprehensiveIncomeLossBeforeTaxPeriodIncreaseDecreaseAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X-DefinitionAmount before tax, after reclassification adjustments of gain (loss) on foreign currency translation adjustments, foreign currency transactions designated and effective as economic hedges of a net investment in a foreign entity and intra-entity foreign currency transactions that are of a long-term-investment nature.+ReferencesReference 1: <a href=)Reference 2: <http://fasb.org/us-gaap/role/ref/legacyRef-Topic 220-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 11-Publisher FASB-URI https://asc.fasb.org/1943274/2147482790/220-10-45-11>Reference 3: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section 45-Paragraph 10A-Subparagraph \(j\)-SubTopic 10-Topic 220-Publisher FASB-URI https://asc.fasb.org/1943274/2147482790/220-10-45-10A](http://www.xbrl.org/2003/role/disclosureRef-Topic 944-SubTopic 220-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.7-04(19))-Publisher FASB-URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1+Details Name: us-gaap_OtherComprehensiveIncomeLossFromEquityTransactionAndTranslationAdjustmentBeforeTax Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: duration X-DefinitionAmount, before tax, after reclassification adjustment, of (increase) decrease in accumulated other comprehensive income for defined benefit plan.+ReferencesReference 1: <a href=)Reference 2: [http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section 45-Paragraph 10A-Subparagraph \(k\)-SubTopic 10-Topic 220-Publisher FASB-URI https://asc.fasb.org/1943274/2147482790/220-10-45-10A](http://fasb.org/us-gaap/role/ref/legacyRef-Name Accounting Standards Codification-Section 45-Paragraph 10A-Subparagraph (k)-SubTopic 10-Topic 220-Publisher FASB-URI https://asc.fasb.org/1943274/2147482790/220-10-45-10A)Reference 3: <http://fasb.org/us-gaap/role/ref/legacyRef-Topic 220-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 11-Publisher FASB-URI https://asc.fasb.org/1943274/2147482790/220-10-45-11>Reference 4: [http://fasb.org/us-gaap/role/ref/legacyRef-Topic 220-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 10A-Subparagraph \(i\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482790/220-10-45-10A](http://fasb.org/us-gaap/role/ref/legacyRef-Topic 220-SubTopic 10-Name Accounting Standards Codification-Section 45-Paragraph 10A-Subparagraph (i)-Publisher FASB-URI https://asc.fasb.org/1943274/2147482790/220-10-45-10A)Reference 5: <http://www.xbrl.org/2003/role/exampleRef-Topic 715-SubTopic 20-Name Accounting Standards Codification-Section 55-Paragraph 17-Publisher FASB-URI https://asc.fasb.org/1943274/2147480482/715-20-55-17>Reference 6: [http://www.xbrl.org/2003/role/disclosureRef-Topic 944-SubTopic 220-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph \(SX 210.7-04\(19\)\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1](http://www.xbrl.org/2003/role/disclosureRef-Topic 944-SubTopic 220-Name Accounting Standards Codification-Section S99-Paragraph 1-Subparagraph (SX 210.7-04(19))-Publisher FASB-URI https://asc.fasb.org/1943274/2147477250/944-220-S99-1)Reference 7: [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-S99-1](http://www.xbrl.org/2009/role/commonPracticeRef-Topic 715-SubTopic 20-Name Accounting Standards Codification-Section 50-Paragraph 1-Subparagraph (i)-Publisher FASB-URI https://asc.fasb.org/1943274/2147480506/715-20-50-1+Details Name: us-gaap_OtherComprehensiveIncomeLossPensionAndOtherPostretirementBenefitPlansAdjustmentBeforeTax Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItem Type Balance Type: debit 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.+ReferencesReference 1: <a href=)Reference 2: [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/1943274/2147481687/323-10-50-3](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/1943274/2147481687/323-10-50-3)Reference 3: [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/1943274/2147482907/825-10-50-28](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/1943274/2147482907/825-10-50-28)Reference 4: [http://www.xbrl.org/2003/role/disclosureRef-Topic 323-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 3-Subparagraph \(a\)\(1\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481687/323-10-50-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 323-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 3-Subparagraph (a)(1)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481687/323-10-50-3)Reference 5: [http://www.xbrl.org/2003/role/disclosureRef-Topic 323-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 3-Subparagraph \(a\)\(2\)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481687/323-10-50-3](http://www.xbrl.org/2003/role/disclosureRef-Topic 323-SubTopic 10-Name Accounting Standards Codification-Section 50-Paragraph 3-Subparagraph (a)(2)-Publisher FASB-URI https://asc.fasb.org/1943274/2147481687/323-10-50-3)Reference 6:

plan, classified as noncurrent. Excludes other postretirement benefit plan. + ReferencesReference 1:

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 - DefinitionAmount of current income tax expense (benefit) and deferred income tax expense (benefit) pertaining to continuing operations. + ReferencesReference 1:

https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap AccruedEmployeeBenefitsCurrent Namespace Prefix: us-gaap_ 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 - 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 X - ReferencesNo definition available. + Details Name: us-gaap PayablesAndAccrualsAbstract Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration XML 63 R46.htm IDEA: XBRL DOCUMENT v3.24.3 Long-term debt - Additional Information (Detail) - NLKW Holding, LLC - Valhi - Valhi Credit Facility 9 Months Ended Sep. 30, 2024 USD (\$) Debt Instrument [Line Items] A Maximum borrowing under credit facility \$ 50,000,000 Borrowings or repayments under revolving credit facility 0 Outstanding borrowing 500,000 Amount available for future borrowing under revolving credit facility \$ 49,500,000 Debt instrument, description of variable rate basis prime rate Variable rate basis spread above reference rate 1.875% Debt instrument average interest rate 10.36% Debt instrument interest rate 9.88% 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 - DefinitionDescription of reference rate used for variable rate of debt instrument. + ReferencesNo definition available. + Details Name: us-gaap DebtInstrumentDescriptionOfVariableRateBasis Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionEffective interest rate for the funds borrowed under the debt agreement considering interest compounding and original issue discount or premium. + 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://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)(a)(1)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1Reference 3: 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/1943274/2147482925/835-30-45-2Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 6 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-6 + Details Name: us-gaap DebtInstrumentInterestRateEffectivePercentage Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant 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. + 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/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 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 235 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 3 -Subparagraph (SX 210.12-04(a)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480678/235-10-S99-3Reference 4: 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 5: 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 6: 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 7: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69E -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69EReference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 55 -Paragraph 69F -Publisher FASB -URI https://asc.fasb.org/1943274/2147481568/470-20-55-69FReference 9: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 10: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 11: http://www.xbrl.org/2003/role/exampleRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1BReference 12: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1B -Subparagraph (e) -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 (f) -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 (h) -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 1D -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 16: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 17: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1D -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1DReference 18: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (a) -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 1E -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 20: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1E -Subparagraph (d) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1EReference 21: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 22: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 23: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1F -Subparagraph (b)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 24: 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 25: http://www.xbrl.org/2003/role/disclosureRef -Topic 470 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1I -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481139/470-20-50-1FReference 26: http://www.xbrl.org/2009/role/commonPracticeRef -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 27: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 835 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482900/835-30-50-1 + Details Name: us-gaap DebtInstrumentLineItems 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 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 - DefinitionAmount of borrowing capacity currently available under the credit facility (current borrowing capacity less the amount of borrowings outstanding). + 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://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 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(19)(b)) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/210-10-S99-1 + Details Name: us-gaap LineOfCreditFacilityRemainingBorrowingCapacity Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionWeighted average interest rate of long-term debt outstanding calculated at point in time. + ReferencesNo definition available. + Details Name: us-gaap LongtermDebtWeightedAverageInterestRate Namespace Prefix: us-gaap_ Data Type: dtr-types:percentItemType Balance Type: na Period Type: instant X - DefinitionThe net cash inflow or cash outflow from a contractual arrangement with the lender, including letter of credit, standby letter of credit and revolving credit arrangements, under which borrowings can be made up to a specific amount at any point in time with either short term or long term maturity that is collateralized (backed by pledge, mortgage or other lien in the entity's assets). + ReferencesNo definition available. + Details Name: us-gaap ProceedsFromRepaymentsOfLinesOfCredit Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - Details Name: dei LegalEntityAxis=nl NLKWHoldingLimitedLiabilityCompanyMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap LineOfCreditFacilityAxis=nl ValhiMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap DebtInstrumentAxis=nl ValhiCreditFacilityMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap OtherSundryLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionAmount of liability, recognized in statement of financial position, for pension, other postretirement and postemployment benefits, classified as noncurrent. + ReferencesReference 1: http://fasb.org/us-gaap/role/ref/legacyRef -Topic 715 -SubTopic 20 -Name Accounting Standards Codification -Section 45 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-3Reference 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(24)) -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 -Section 55 -Paragraph 2 -Section 45 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147480535/715-20-45-2Reference 4: http://fasb.org/us-gaap/role/ref/legacyRef -Name Accounting Standards Codification -Topic 715 -SubTopic 20 -Section 50 -Paragraph 1 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480566/715-20-50-1 + Details Name: us-gaap PensionAndOtherPostretirementAndPostemploymentBenefitPlansLiabilitiesNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant X - DefinitionCarrying amount of accrued known and estimated losses incurred as of the balance sheet date for which no insurance coverage exists, and for which a claim has been made or is probable of being asserted, typically arising from workmen's compensation-type of incidents and personal injury to nonemployees from accidents on the entity's property that are expected to be paid after one year (or the normal operating cycle, if longer). + ReferencesNo definition available. + Details Name: us-gaap SelfInsuranceReserveNoncurrent Namespace Prefix: us-gaap_ Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: instant XML 65 R48.htm IDEA: XBRL DOCUMENT v3.24.3 Revenue recognition - Schedule of Disaggregation of Net Sales By Reporting Unit (Detail) - USD (\$) \$ in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024

2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Disaggregation Of Revenue [Line Items] A A A Net sales \$ 33,667 \$ 40,355 \$ 107,525 \$ 118,122 Security Products A A A Disaggregation Of Revenue [Line Items] A A A Net sales 26,567 31,376 84,667 84,390 Marine Components A A A Disaggregation Of Revenue [Line Items] A A A Net sales \$ 7,100 \$ 8,979 \$ 22,858 \$ 33,732 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. + ReferencesReference 1:

[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/1943274/2147483443/250-10-50-8Reference 6:](#) [http://www.xbrl.org/2003/role/disclosureRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph \(SAB Topic 6.1.7\) -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/1943274/2147477250/944-220-50-22Reference 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 the difference between reported income tax expense \(benefit\) and expected income tax expense \(benefit\) computed by applying the domestic federal statutory income tax rates to pretax income \(loss\) from continuing operations attributable to equity in earnings \(loss\) of unconsolidated subsidiaries exempt from income taxes. + ReferencesReference 1:](#)

[http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Subparagraph \(b\)\(3\) -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12Reference 2:](#) [http://www.xbrl.org/2009/role/commonPracticeRef -Topic 740 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 12 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482685/740-10-50-12 + Details Name: us-gaap IncomeTaxReconciliationEquityInEarningsLossesOfUnconsolidatedSubsidiary Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionThe amount of income tax expense or benefit for the period computed by applying the domestic federal statutory tax rates to pretax income from 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 IncomeTaxReconciliationIncomeTaxExpenseBenefitAtFederalStatutoryIncomeTaxRate Namespace Prefix: us-gaap Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration XML 69 R52.htm IDEA: XBRL DOCUMENT v3.24.3 Income Taxes - Components of Comprehensive Provision \(Benefit\) for Income Taxes Allocation \(Detail\) - USD \(\\$ \\$\) in Thousands 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Comprehensive provision \(benefit\) for income taxes allocable to: A A A Net income \(loss\) \\$ 8,508 \(965\) \\$ 10,798 \\$ \(6,844\) Additional paid-in capital 0 0 8 18 Other comprehensive income \(loss\): A A A Currency translation 404 \(92\) \(792\) \(906\) Other \(14\) \(6\) \(33\) \(78\) Total 8,997 \(947\) 10,282 \(7,307\) Defined Benefit Pension Plans A A A Other comprehensive income \(loss\): A A A Pension plans \\$ 99 \\$ 104 \\$ 301 \\$ 503 X - DefinitionCalculation tax related to currency translation. + ReferencesNo definition available. + Details Name: nl CalculationOffTaxRelatedToCurrencyTranslation Namespace Prefix: nl Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionCalculation of tax related to pension plans + ReferencesNo definition available. + Details Name: nl CalculationOffTaxRelatedToPensionPlans Namespace Prefix: nl Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionDisclosure Other Comprehensive Income Loss Tax Effects Allocated To Component Of Other Comprehensive Income Loss. + ReferencesNo definition available. + Details Name: nl DisclosureOtherComprehensiveIncomeLossTaxEffectsAllocatedToComponentOfOtherComprehensiveIncomeLossAbstract Namespace Prefix: nl Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - DefinitionIncome taxes benefit allocable to additional paid in capital. + ReferencesNo definition available. + Details Name: nl IncomeTaxesBenefitAllocableToAdditionalPaidInCapital Namespace Prefix: nl Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: duration X - DefinitionAmount of tax expense \(benefit\) other. + ReferencesNo definition available. + Details Name: nl OtherComprehensiveIncomeLossTaxExpenseBenefitOther Namespace Prefix: nl Data Type: xbrli:monetaryItemType Balance Type: credit Period Type: duration X - DefinitionAmount of provision \(benefit\) for income taxes allocation. + ReferencesNo definition available. + Details Name: nl ProvisionBenefitOfIncomeTaxAllocation Namespace Prefix: nl Data Type: xbrli:monetaryItemType Balance Type: debit 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 \(SAB Topic 6.1.7\) -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/1943274/2147477250/944-220-50-22Reference 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 - ReferencesNo definition available. + Details Name: us-gaap OtherComprehensiveIncomeLossTaxAbstract Namespace Prefix: us-gaap Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap RetirementPlanTypeAxis-us-gaap PensionPlansDefinedBenefitMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 70 R53.htm IDEA: XBRL DOCUMENT v3.24.3 Income Taxes - Component of Income Taxes - Additional \(Detail\) 3 Months Ended 9 Months Ended Sep. 30, 2024 Sep. 30, 2023 Sep. 30, 2024 Sep. 30, 2023 Income taxes A A A U.S. federal statutory income tax rate \(in %\) 21.00% 21.00% 21.00% 21.00% X - DefinitionPercentage of domestic federal statutory tax rate applicable to pretax income \(loss\). + 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/1943274/2147482663/740-10-55-2](#)

<https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 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-S99-1>Reference 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-S99-1>Reference 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/1943274/2147481372/852-10-55-10>Reference 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/1943274/2147479168/946-830-55-12>Reference 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-S99-1>Reference 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-S99-2>Reference 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-S99-3>Reference 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-S99-3>Reference 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-S99-3>Reference 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-S99-1>Reference 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/1943274/2147481687/323-10-50-3>Reference 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/1943274/2147482907/825-10-50-28>Reference 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:monetaryItem Type Balance Type: credit Period Type: instant X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_AccumulatedTranslationAdjustmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_AccumulatedDefinedBenefitPlansAdjustmentMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RetirementPlanTypeAxis=us-gaap_PensionPlansDefinedBenefitMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=nl_AccumulatedOtherComprehensiveIncomeOtherAdjustmentsMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_RetirementPlanTypeAxis=us-gaap_OtherPostretirementBenefitPlansDefinedBenefitMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_AccumulatedNetUnrealizedInvestmentGainLossMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_StatementEquityComponentsAxis=us-gaap_AccumulatedOtherComprehensiveIncomeMember Namespace Prefix: Data Type: na Balance Type: Period Type: XML 73 R56.htm IDEA: XBRL DOCUMENT v3.24.3 Commitments and contingencies - Changes in Accrued Environmental Remediation and Related Costs (Detail) - USD (\$) \$ in Thousands 9 Months Ended Sep. 30, 2024 Dec. 31, 2023 Commitments and contingencies

	Balance at the beginning of the period \$ 91,106	Additions charged to expense, net 1,428	Payments, net (909)	Balance at the end of the period 91,625
Amounts recognized in the Condensed Consolidated Balance Sheet at the end of the period:				
Current liability	2,462	1,655	Noncurrent liability	89,163
Noncurrent liability	89,163			89,451

X - DefinitionThe amount added to the accrual and charged to expense for newly incurred environmental loss contingencies and revisions to existing environmental loss contingencies. These additions include remediation expense and interest accretion. These additions do not relate to changes in the environmental accrual related to a business acquisition or divestiture, to currency movements, or revisions in previously existing estimates not charged to expense. + ReferencesNo definition available. + Details Name: nl_AccrualForEnvironmentalLossContingenciesProvisionForNewLossesAndIncreasesForRevisionInEstimatesChargedToExpense Namespace Prefix: nl_Data Type: xbrli:monetaryItem Type Balance Type: debit Period Type: duration X - DefinitionTotal costs accrued as of the balance sheet date for environmental loss contingencies. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483076/450-20-50-1>Reference 2: <http://www.xbrl.org/2003/role/recommendedDisclosureRef> -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481931/410-30-50-10>Reference 3: <http://www.xbrl.org/2003/role/recommendedDisclosureRef> -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(3) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481931/410-30-50-10>Reference 4: <http://www.xbrl.org/2003/role/exampleRef> -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 16 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481899/410-30-55-16>Reference 5: <http://www.xbrl.org/2003/role/disclosureRef> -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480102/450-20-S99-1>Reference 6: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481931/410-30-50-7> + Details Name: us-gaap_AccrualForEnvironmentalLossContingencies Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_AccrualForEnvironmentalLossContingenciesAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - DefinitionAmount of cash outflow to settle environmental loss contingencies. + ReferencesReference 1: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480102/450-20-S99-1>Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 230 -SubTopic 10 -Name Accounting Standards Codification -Section 45 -Paragraph 17 -Subparagraph (f) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147482740/230-10-45-17> + Details Name: us-gaap_AccrualForEnvironmentalLossContingenciesPayments1 Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: duration X - DefinitionCarrying value of the obligation (known or estimated) arising from requirements to perform activities to remediate one or more sites, payable in twelve months or in the next 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>Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483076/450-20-50-1>Reference 3: <http://www.xbrl.org/2003/role/exampleRef> -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481899/410-30-55-11>Reference 4: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481931/410-30-50-7>Reference 5: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481931/410-30-50-10> + Details Name: us-gaap_AccruedEnvironmentalLossContingenciesCurrent Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X - DefinitionCarrying value of the obligation (known or estimated) arising from requirements to perform activities to remediate one or more sites, payable after twelve months or beyond the next 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(24)) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147480566/210-10-S99-1>Reference 2: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI <https://asc.fasb.org/1943274/2147483076/450-20-50-1>Reference 3: <http://www.xbrl.org/2009/role/commonPracticeRef> -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(1) -Publisher FASB -URI <https://asc.fasb.org/1943274/2147481931/410-30-50-10> + Details Name: us-gaap_AccruedEnvironmentalLossContingenciesNoncurrent Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X - ReferencesNo definition available. + Details Name: us-gaap_CommitmentsAndContingenciesDisclosureAbstract Namespace Prefix: us-gaap_Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration XML 74 R57.htm IDEA: XBRL DOCUMENT v3.24.3 Commitments and contingencies - Additional Information (Detail) 9 Months Ended Sep. 30, 2024 USD (\$) case site Dec. 31, 2023 USD (\$) Site Contingency [Line Items]

	Accrual for reasonably estimable environmental remediation and related matters \$ 91,625,000	Environmental Remediation Sites NL Named As PRP Or Defendant	Site Contingency [Line Items]	Accrual for reasonably estimable environmental remediation and related matters \$ 92,000,000	Number of sites associated with remediation and related costs 33	Number of sites currently not able to reasonably estimate a range of costs site 5	Maximum Environmental Remediation Sites NL Named As PRP Or Defendant	Site Contingency [Line Items]	Upper end range, estimate costs for remediation and related matters \$ 118,000,000	Lead Pigment Litigation	Site Contingency [Line Items]	Period by which loss contingency claims settled and dismissed (in years) 30	Remaining litigation settlement payment due in first year \$ 16,700,000	Lead Pigment Litigation Minimum	Site Contingency [Line Items]	Number of cases settled and dismissed and found not liable case 100	X - DefinitionNumber of environmental remediation sites with reasonably estimable costs. + ReferencesNo definition available. + Details Name: nl_NumberOfEnvironmentalRemediationSitesWithReasonablyEstimableCosts Namespace Prefix: nl_Data Type: xbrli:integerItem Type Balance Type: na Period Type: instant X - DefinitionNumber of environmental remediation sites without reasonably estimable costs. + ReferencesNo definition available. + Details Name: nl_NumberOfEnvironmentalRemediationSitesWithoutReasonablyEstimableCosts Namespace Prefix: nl_Data Type: xbrli:integerItem Type Balance Type: na Period Type: instant X - DefinitionTime period over which settlements and dismissals of cases occurred. + ReferencesNo definition available. + Details Name: nl_PeriodByWhichLossContingencyClaimsSettledAndDismissed Namespace Prefix: nl_Data Type: xbrli:durationItem Type Balance Type: na Period Type: duration X - DefinitionRemaining litigation settlement payment due in year one. + ReferencesNo definition available. + Details Name: nl_RemainingLitigationSettlementPaymentDueInYearOne Namespace Prefix: nl_Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X - DefinitionTotal costs accrued as of the balance sheet date for environmental loss contingencies. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-1 Reference 2: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10 Reference 3: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10 Reference 4: http://www.xbrl.org/2003/role/exampleRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481899/410-30-55-16 Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-S99-1 Reference 6: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 7 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-7 + Details Name: us-gaap_AccrualForEnvironmentalLossContingencies Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItem Type Balance Type: credit Period Type: instant X - DefinitionThe number of claims settled and dismissed during the period. + ReferencesReference 1: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4 Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (a) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9 + Details Name: us-gaap_LossContingencyClaimsSettledAndDismissedNumber Namespace Prefix: us-gaap_Data Type: xbrli:integerItem Type Balance Type: na Period Type: duration X - DefinitionReflects the estimated amount of loss from the specified contingency as of the balance sheet date. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 720 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 1 -Publisher FASB -URI https://asc.fasb.org/1943274/2147483359/720-20-50-1 Reference 2: http://www.xbrl.org/2003/role/exampleRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 55 -Paragraph 27 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482395/460-10-55-27 Reference 3: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 9 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-9 Reference 4: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section 50 -Paragraph 4 -Subparagraph (b) -Publisher FASB -URI https://asc.fasb.org/1943274/2147483076/450-20-50-4 Reference 5: http://www.xbrl.org/2003/role/disclosureRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 3 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-3 Reference 6: http://www.xbrl.org/2003/role/disclosureRef -Topic 460 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2 -Publisher FASB -URI https://asc.fasb.org/1943274/2147482425/460-10-50-2 + Details Name: us-gaap_LossContingencyEstimateOfPossibleLoss Namespace Prefix: us-gaap_Data Type: xbrli:monetaryItem Type Balance Type: debit Period Type: instant 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-S99-1 Reference 2: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 450 -SubTopic 20 -Name Accounting Standards Codification -Section S99 -Paragraph 1 -Subparagraph (SAB Topic 5.Y.Q4) -Publisher FASB -URI https://asc.fasb.org/1943274/2147480102/450-20-S99-1 Reference 3: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(1) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10 Reference 4: http://www.xbrl.org/2009/role/commonPracticeRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (c) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10 Reference 5: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(2) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10 Reference 6: http://www.xbrl.org/2003/role/recommendedDisclosureRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 50 -Paragraph 10 -Subparagraph (d)(3) -Publisher FASB -URI https://asc.fasb.org/1943274/2147481931/410-30-50-10 Reference 7: http://www.xbrl.org/2003/role/exampleRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 11 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481899/410-30-55-11 Reference 8: http://www.xbrl.org/2003/role/exampleRef -Topic 410 -SubTopic 30 -Name Accounting Standards Codification -Section 55 -Paragraph 16 -Publisher FASB -URI https://asc.fasb.org/1943274/2147481899/410-30-55-16 + Details Name: us-gaap_SiteContingencyLineItems Namespace Prefix: us-gaap_Data Type: xbrli:stringItem Type Balance Type: na Period Type: duration X - Details Name: us-gaap_EnvironmentalExitCostByPropertyAxis=nl_EnvironmentalRemediationSitesNLNamedAsPRPOrDefendantMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details
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Name: srt_RangeAxis=srt_MaximumMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: srt_LitigationCaseAxis=nl_LeadPigmentLitigationMember 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 75 R58.htm IDEA: XBRL DOCUMENT v3.24.3 Financial Instruments - Summary of Financial Instruments Not Carried at Fair Value (Detail) - USD (\$) \$ in Thousands Sep. 30, 2024 Dec. 31, 2023 Carrying amount Á Á Fair Value Disclosure, Asset and Liability, Not Measured at Fair Value [Line Items] Á Á Cash, cash equivalents and restricted cash \$ 176,224 \$ 141,382 Fair value Á Á Fair Value Disclosure, Asset and Liability, Not Measured at Fair Value [Line Items] Á Á Cash, cash equivalents and restricted cash \$ 176,224 \$ 141,382 X - DefinitionCash and equivalents and restricted cash and equivalents current and noncurrent fair value disclosure. + ReferencesNo definition available. + Details Name: nl_CashAndEquivalentsAndRestrictedCashAndEquivalentsCurrentAndNoncurrentFairValueDisclosure Namespace Prefix: nl_ Data Type: xbrli:monetaryItemType Balance Type: debit Period Type: instant 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. + ReferencesReference 1: http://www.xbrl.org/2003/role/disclosureRef -Topic 820 -SubTopic 10 -Name Accounting Standards Codification -Section 50 -Paragraph 2E -Publisher FASB -URI https://asc.fasb.org/1943274/2147482106/820-10-50-2E + Details Name: us-gaap_FairValueDisclosureAssetAndLiabilityNotMeasuredAtFairValueLineItems Namespace Prefix: us-gaap_ Data Type: xbrli:stringItemType Balance Type: na Period Type: duration X - Details Name: us-gaap_FairValueByMeasurementBasisAxis=us-gaap_CarryingReportedAmountFairValueDisclosureMember Namespace Prefix: Data Type: na Balance Type: Period Type: X - Details Name: us-gaap_FairValueByMeasurementBasisAxis=us-gaap_EstimateOffFairValueFairValueDisclosureMember Namespace Prefix: Data Type: na Balance Type: Period Type: EXCEL 76 Financial_Report.xlsx IDEA: XBRL DOCUMENT begin 644 Financial_Report.xlsx M4\$L#!0 ("N#9ED04UB@0 +\$ 0 9&Jc4")O<^,O87IP+GAM M;\$V,/OL",!!\$ _lQO;=!P4)B0~!2L+/>QLOD&1#LD)^OCG!CVX>;QA&WPiG M*N*!#BV&5_C(i(/!47BK9.7;=N")=H16-Y #OGDK7A.YNjQ<&4GPZ4A!0W_J=0U[R;UEA_6#MI7E!+ P04 M " K@V99+@M(X.K K @ \$0 &1O8U!R;W!S+V-O&ULS9+/ M3L,P#(=?!>7>NLE@AZCK98@32\$A, G&+SF^+;/XH,6KWjK1AZX3@ 3C&_N7S M9fMCE*^A,I!\$QD,=^,KO=9ZKAA1Z(H ;(^HE.YGA)^NY#~7K*P&L.K)LG MQM/8MW %S##"Yj)W 621A'^ _1S80RY8-9)-NIL!"SI^Y%1^? H.'GS|BYBZ;:(E)/X M8-DOVj|[MR >X%#BVRj]*+ M41B1#G@M MNNO1,+5)#3(3/PB=AI4J4!P"i DQEj&&^+3&K!'@ \$WVWO@C(WXV)(ZMOFCU7 MH5A)VH3X\$8:XIQSYG(1;/L!4;1jE6W*^76!4!EQC?^*HU+,76>)7 \:V< M!/T3\$LV4"P9!AI@S M&L%&KQMUAVC2/'K^!?!F<-0HACA*FNVB<5@ \$ _9Y>PTG!Z(+ +9OVX?H;5,VPLCO='U!=*Y \fIS_1,C0' MHIY9';V\$5F?jH,@H%&;D>/N5Z> HWEL:4*Z">P' T=HWPjOX@L Y M?RYjSZ7ON?0jH=*W-Rj9\3BUO>1FY;Q/NN,=K7-"XH8U=RSTS0LS0[=R2^jVE+ZU)CA' MJ+', <\$X>RPPj9SR2;9WH!TU^ _9=NOCI313ET.X&D*^ VVZG=PZ,Z8D;D* MTU*0;VYZ<5X&N(YV02Y?9A7;>?8T='lY%1L*/O)8=QXCRHB'NH8:8S;# MAWEj7YAGE<90- !1M.*PD+\$;W8+C72P4X&1@+;_@Zj1_0)256 Q68#*Y"B M?\$R.1>APYY=<7^/1DN;IF6U-JU=QEM(E(YPF8\$V>KRMYYL<%5'<j56 *P MOFHjM!5.S Y9KF4Q9Z,RWRT,"2Q:B%D2XDU=[7GFYRN>BjV^!-W MP6#R_7#j)P E.^=?j)%U#KG[VW>Zj,I,2\$R<>?<41 71% B.5' 86%\$+D4.Z2 MD 83>LX=SFWjXPD6L UC6'ODRWSEPVSK> _Uf M\$RQ#1[!]? 8j*@!&K8KZZKt_Y9P[M'OQ@2";-;!/;=X Q\U*M:160K\$3j+ M!WP2D@9CC%OT-%^/%&*MIK&MQMHQ#F_6/_,H68XWX=%FAHSU8NL8T*;T'5 M0.4 Vj0-;/8-!R1!5XQF;8VH^1."CS< Nj-L,+ \$CN'MB[!4\$L#!0! (M "N#9EF<5;%X04 +&PO=VjR:W-H965T&UL MM9EK;JLV%"; "N\$!0P?5D4CYDG2_@41-G>IZj;NMF[8!UjB;:&2Z%&4'? [MD9(Mi0)UK E5/L2ZG5=\\>'AY18[V7'Q~HQj)!R%<7+3V4BY?6M9B;=A\$4TN M^>%ZLZ*BXA*=2K65K(5C/I94!1.Q+8'5D2#N#,>9==F8CSBJ0R#F,T\$2M(H MHN)PQT*^O^G@SNG4[##>2'W!&H^V=,WF3'[>SH0ZLPH5/XA8G 0!1H*M;CjW M^*WK.#H@>^+W@.V3%)=(HRPY_ZI!OY-Qj8E8B'SI):@ZF?7!:&6DF5Xj^C M:*=XIPY>7Q2?jC@%jK\$A\$8Q =QS*0 M!S2j)^:Aj[F+D@T5+!E94KU-QUC>4?DN5R85RM?H X E)E&j/O_ C:~4*8NB MDE-1[P@H.&?;2^38%XC8I&KAS9@N./;E(CA#%YL%+1[RH!^AC?D^8< YKMDQ!U>22 M#5K5>82U5C1,C(D\$PQH"7A6 5V"ACH/ROQ R-\$VC)1,F,%@#=#P<jVP0&AC4\$ MNRI_KNN;/%UH(=0E<!(C8SM\$);9j/+)j-WG^>]!+FSj&[+9R2QT^V3P9_C'T;#F!*2Ti>4H?WUO>5>GjQ M.D"jZCGT,3;G%9:LjQP;=Zj1P^~L3Tj]&#E!B;:4117"H/F j1=[j2&]>=1 M(%E>1#RTS:ENPQ^ATA)AV-2AG;UF>K&^/Z/CO.8OQ:B;X+H@j&7<&F8..QV^KFG MTC;!!AR3&=\$B.-T*P>>_FP3+GT3A@W/(I#*" (5PN3-BC^ (UVA^B)8/-&=#9@&^&M<)VK!\$1+1\$ M!/80IwRA^V=00^,Uj_2j9X2F7^>W1KXV+! I+1"l98^<5 Cj799 C&515!^ M:EQ)jXjQ;C^Y,1j33E+TT-jF9Y)+G(5R/U!S8j)1LY8<4jSC9#BEj#jJGE M<_0j/!47^/ F@OC8'-&9KC+O4!f24B)+&GG@#NDj)#NDEM^9!jOjH;LT M4;<300QER-j9&\$NK0jVM\$;Ej!/7^TTUBGSVC MWY@YC;"4K?^&! ^ (D:\$-I^_43L>!ICR^>)Q)jMjE&ZY)+R/L M<.,HSX1^0-U? <2Yj) H%Q5[]^#j02P,\$% @^*X-F69+T^B9?)" VB@ M !@ !X;"jW;W)KjJ!"I8X(0D="G)MRj R@)%+^#GjC>)>9jU6_P47 M^_GL6\FNWYEQ%WYjZ(B0UO)j2>0C:%TF_E:MYM Mj)"^6_;"FGN,X3N9-4;6SQ5G MSNY.!;55R_+jNjM5XDVDOSQ?;IWEjR8@;T%O^M M^_W>AV94IZ\$^&K>?%R>SV*CB>\\5,9%H?j[XI>|KHTGK>_/G=/_9_CO-P/'K M%^_ _ZH/7P3P4';4j1_54jW/9jDL6O+8ENKS^+Y5[X+BjE_I:Bj_M H>;-l MR^PjMYT2S6ZP5M14[?!\6TW\$;.!B'H&X-T_-H19#>@G(jYH^P/ZZI0Q>), MBN=(&FOMSSHYZ8? K:I6O,8jY74GU9ZG%I[OGFW<1B=]\$,84&X'9'Gj%2ST<|jJCH,jZZjU_@P.*S^Kj'VW*4i^/M+/RB<\\6?;\\2N) 0M&= MR-E!K&0?PEY7jUP6W3K23RTjS00^Yj9Z^FH=//@4!U=) jV4@j<%HBQ/XKjY MTS@>P_PAAO>[\$ IW2NE0:6?>:=D52j^T_I.T87-E*Y30B6;("j6P8K97 MS(**?ROD5ZZ*AYI"2^WLE!5!R4W?QH-C\$G\$D80S>%0DGTH23^4B(46SW! M_:P+M>92E^N2ZWG7j75OH18K^+ # \$T;(3)L3N0>L4A0C6^&Z5YP>29>]O.A1 MB8BjA^KNBH4_B'SG[!\$1.0 G.X"R"73A9),R/[9-<"&KP&QG@YG<9Q_ M9MNU(G&*/(LSW)O+@_+N)-\\4U3+BW_16HN.C/((&\$YHZ\$% =DHM,UPi@P6";* M+=GBH_00A6U9NBXPj/ BH&O9RQ-jRHA.Y3AA^j\$CA",@A#ZU"^^R (jVXT^4 MLj?R=ABM)2X*0NXO%_>=\\j-^418(23G!+/(+H1&%VW@K%1V5P4F9 N<3_#_M QVj+I6*\$Y&9H=Z+4!1F**OYA\$R:4CR,/FG.ETSE*0j5)O@_F;Z&;O@-EN^C#++&H&[&@ZYM^A< M)%*^;D MOX70\$NL:%.=2#j?(U7, [,%" :I2\$*XW!<3KP_02ZXTA&^=Pi=(OPGON2T?S-A MP V%68QD@H!>A&6H>F6 K3\$S,L/RSF4!|ORG=3-LE3?^PIEBM/&Y"EV8U:SHRT@L@PT:Y?<@/4YA(I9<112B_S2I GB;\$%\$S[2](E6 MXW8[G]GH\$KN18j63jY&%T8,3W=!]@%&2>FH6MKS"85[!;^U-M)+^HQ4_4DP9 MFFXm03N28j]"6G+A,+ENj"1&15ENFVU=F,W.DNO56.KM@)YI4+&+HBS&S\$E2 MURQ-4";I3[\$%@X#ZY8K_ "l60;%FRB,jD'C)C6>+9;F&+;!Q&V\$ (/QNP M"R:6L80YQ0BP2Y,D)>_?6X3j%7G1GKj]Zj#W@&9W!1>I4GXpZ=^_jV&+0% M(@YW?ON3@4WQW6PMP8#=#7H[@W,D;P_113j],++&E(F%Q,H-SjI6@>R*?B'KW MJU3-?6E.7%BAA+!i8,4\$8\\818j)\$pU%(TVI.6TLTK4+=+,MTVT&DM@'0/O13=OGRj)93>SjY>KU-\\.I?Y^D0V\$L1>10&I!" 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