



TECHNICAL DATASHEET

PRODUCT NAME – RUST-X Lubricant Grease

PRODUCT CODE – VCI Grease NLGI 3

PRODUCT DESCRIPTION

VCI Grease NLGI 3 is a high temperature grease suitable for most demanding applications where outstanding extreme pressure and high temperature capabilities during lubrication are required. NLGI 3 performs at temperatures well above the most conventional greases.

The product has outstanding shear resistance and excellent corrosion resistance. The grease is water repellent and performs even when exposed to water and maintains its protective as well as lubricating properties.

The grease can be used throughout any industrial plant and for variety of applications. The grease finds its use where there is water such as in pulp and paper plants and also in steel mills for extreme temperature applications.

Applications range from lubrication of conveyors, grinding mills, crushers, bearings, shears, blowers, rolling mills, traveling cranes, mechanical presses, cams toggle joints, guides, ways, slides to any industrial

and marine machines and equipment subject to extremes of temperature and pressure.

All RUST-X rust preventive oils are Barium & Heavy Metal Free.

FEATURES

- Excellent for Extreme Pressure and temperature
- Superior resistance to water washout
- Exceptional Shear Resistance
- Oxidation Inhibited
- Contains no toxic heavy metals
- Compatible with most popular greases

USAGE

Use in any industrial plant where operating conditions subject lubricant to extreme of heat and pressure. Examples of industries using NLGI 3 are steel, pulp and paper, mining, transportation, coal and ore processing, construction, metal fabrication and marine industries.

Use of gloves while handling the components as well as immediate packaging is important. In case the components carry cutting oils or water from previous processes, dewatering with CL005 is recommended.



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TECHNICAL SPECIFICATION

Physical Properties	Test Method	Value
Appearance		yellow
NLGI Grade		3
Specific Gravity		0.9-1.0
Texture		Buttery
Drop Point	(ASTM D 2265)	230 °C
Penetration	(ASTM D 217)	220-230
Timken OK Load	(ASTM D 2509)	29 kg
Four Ball Wear Test	(ASTMD 2266)	0.4 mm
Four Ball weld Test Weld	(ASTM D 2596)	500 kg
Load Wear Index		72
Oil Separation	(ASTM D 1742)	0.3%
Water Washout	(ASTM D 1264)	1.6%

DISPOSAL

Recommendation: Do not allow product to reach sewage system.

Disposal of product or waste must comply with official local regulations.

Packaging that cannot be recycled must be disposed in the same manner as the product.

APPLICATION PICTURES



PACKAGING AND STORAGE

Store in a cool dry place and always keep Grease sealed when not in use.



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HEAVY METALS DECLARATION

RUST-X Rust Preventive products do not contain Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent Chromium (Cr6), Polybrominated biphenyls (PBB), or Polybrominated di-phenylether complying with the re-stricted substances listed in Article 4(1) of the RoHS Directive. RUST-X Rust Preventive Oils are also REACH Compliant for exports to the European Union.

SAFETY INFORMATION

- Keep Out Of Reach Of Children
- Keep Container Tightly Closed
- Not For Internal Consumption
- Consult Material Safety Data Sheet For More Information
- Safe for people
- This product does not pose a health hazard to users due to its classification as an article according to EU REACH, UN GHS, US OSHA HazCom and CA WHMIS regulations.
- Rust-X VCI chemistry is safe for sensitive electronics.
- Rust-X VCI chemistry imposes No galvanic effects, residues or changes in the properties of metals. The protective molecules dissipate upon opening of package.

DECLARATION

This Data sheet and information it contains is

considered to be accurate at the date of printing. No representation or warranty, expressed or implied is made as to the accuracy or completeness of the data and information contained in this publication. It is the User's obligation to evaluate and use products safely and within the scope advised in the data sheet and to comply with all applicable laws and regulations.

LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on validations and tests conducted by HI TECH INTERNATIONAL/RUST-X or its partners and are believed to be reliable, but the accuracy or completeness thereof is not guaranteed. We warrant our products will be free from defects when shipped to customer. Our obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Rust-X, Hi Tech International or its partners or agent of the claimed defect within 3 months after shipment of product to customer. Customer shall pay all freight charges for replacement products. We shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products. And any financial claims shall be limited to the value of the film sold.



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Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of the company. The foregoing warranty is exclusive and in lieu of all other warranties, express, implied or statutory, including without limitation any implied warranty of merchantability or of fitness for a particular purpose. In no case shall HI TECH INTERNATIONAL/RUST-X be liable for incidental or consequential damages.

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Revision No. 1 Revision Date: 1st March 2018

USA - 14310 Gannet St , La Mirada, California
info@rustxusa.com www.rustxusa.com
Italy | France | India | China | Mexico

