



▶ ZERUST® Axxanol™ 750-NV

ZERUST®/EXCOR® Axxanol™ 750-NV rust preventative oil provides robust corrosion protection to metal surfaces in an easy-to-use oil-based corrosion preventive coating. In addition, it offers corrosion protection for multiple metal types for up to 2 years indoors.

Axxanol™ 750-NV provides powerful corrosion protection against aggressive environments such as salt air and high temperatures for steel, cast iron, aluminum, brass, and copper. It may be used with ZERUST®/EXCOR® ICT® VCI film packaging products for sheltered protection beyond 2 years. Apply by spray, brush, or dip.

Axxanol™ 750-NV leaves a clear, thin, oily film that can be removed with an alkaline cleaner. Typical ZERUST® Axxanol™ 750-NV applications include corrosion protection for in-line rolling mill applications, cold-rolled sheets and coils, wire bars, and cast and machined ferrous and non-ferrous metals during shipment and storage. In addition, Axxanol™ 750-NV remains sprayable at sub-zero temperatures of -10°F (-23°C). Please contact your ZERUST® representative for more information on how to use Axxanol™ 750-NV oil.

Application Example

Axxanol™ 750-NV protects sensitive metal parts in overseas shipping in aggressive conditions.



▶ Benefits

Advanced ZERUST® corrosion protection technology

Sprayable and easy to remove

Multimetal protection

Non-hazardous*

Application Type

Storage

Shipping

During Operation

May be used with ZERUST® packaging

*Product in an unopened original container prior to use does not meet criteria for hazardous waste according to 40 CFR 261 (no components listed on F, K, P, or U lists; not ignitable, not corrosive, not reactive, and not toxic).



Protection for metals in shipping and storage from corrosion.

Technical Data

Product Information Ready to use oil-based rust preventative liquid. The light amber liquid coating results in an oily, thin, clear, water-barrier film.

Application Apply via spray, brush, or dip

Tested on 1010 Steel panels with 20 Ra roughness	Application temperature	-10 to 122°F (-23 to 50°C)
	Coverage ⁺	1019 ft ² (95 m ²) per gal
	Layer Thickness ⁺	40 µm

Properties

Removability	Alkaline cleaner
VOC content EPA method 24	2.15 Lbs/gal (259 g/L)
Flashpoint ASTM-D93	235°F (113°C)
Viscosity	10-60cPs @25°C #61,100RPM

Protection Info

Indoors	Up to 2 years*
Outdoor	Not recommended
ASTM D1748 Humidity	Meets or exceeds 600 hrs
ASTM B117 Salt Spray	Min 40 hours
Compatible with packaging	Yes**
Metal types	Multimetal protection

Storage Store in a cool (50 to 90°F / 10 to 32°C), dry place and away from sunlight in original packaging for up to 2 years from the date of shipment.

⁺ The theoretical coverage estimates, based on the stated wet film thicknesses (WFT's), should be used as a guide only. These estimates were generated based on internal lab measurements of product coating on flat, smooth 1010 steel stock. Actual coverage data will vary in actual use based on the method of application, type of equipment used, part geometry, surface roughness, drain-off time, drag-out rate, evaporative loss, etc.

* Protection for up to 2 years when properly applied to clean and dry metal surfaces and protected metals are stored indoors away from direct sunlight, acid gases, with a RH below 60%. Increase the robustness of the protection to your coated parts by using ZERUST® VCI packaging film and bags.

** Test before use with PE bags that are in direct contact with the coated surfaces. Sintered and/or cast metal surfaces treated with oil-based products when exposed to hot, humid conditions and in direct contact with the PE bags may potentially have some brownish oil staining.

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 Northern Technologies International Corporation/ZERUST® 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 Northern Technologies International Corporation/ZERUST® 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 products sold.

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 Northern Technologies International Corporation/ZERUST® be liable for incidental or consequential damages. For full warranty and disclaimer information visit, www.zerust.com/warranty.

©2013-2022 Northern Technologies International Corporation (NTIC). All Rights Reserved. NTIC is the owner of the following trademarks: ActivPak®, Cor Tab®, EXCOR®, Flange Saver®, ICT®, Natur-VCI®, NTI®, Plastabs®, Z-CIS®, Zerion®, ZERUST®, 洁乐特, Z-PAK® and the Color "Yellow". ABRIGO®, UNICO®, and VALENO® are registered trademarks of EXCOR GmbH, a Joint Venture Partner of NTIC.

Availability

ZERUST® Axxanol™ 750-NV is sold as a ready-to-use liquid product. Large volume quantities and pricing are available upon request.

Part Number	Quantity*
350-M-00033PL	5 Gal (19 L)
350-M-00033DR	55 Gal (208 L)

*Product sold in US customary units. Metric units approximate.

Non-Hazardous

Dispose of in accordance with local, national, and international regulations.

Safety

- Product in an unopened original container prior to use does not meet criteria for hazardous waste according to 40 CFR 261 (no components listed on F, K, P, or U lists; not ignitable, not corrosive, not reactive, and not toxic).

A product of:
Northern Technologies International Corp
4201 Woodland Road
Circle Pines, MN 55014
USA

Phone: +1 763.225.6600
Fax: +1 763.225.6645
sales@zerust.com
www.zerust.com

