

## ✓ ZERUST® Axxanol™ 750 VCI Oil

ZERUST®/EXCOR® Axxanol™ 750 rust preventative oil offers sprayable protection with Vapor Corrosion Inhibitors (VCIs) to metals shipped or stored in enclosed packaging. It provides robust corrosion protection to metal surfaces as well as in hard-to-reach voids, crevices, and chambers.

Do more with time and resources with one product, ZERUST® Axxanol™ 750 VCI Oil. It provides comprehensive protection by combining a moisture barrier and contact inhibitor film coating with ZERUST® VCI chemistry that migrates to protect voids and crevices. Axxanol™ 750 is designed to be applied by spray, mist, or fog and protects steel, cast iron, aluminum, brass, and copper for years in applications using packaging.

Axxanol™ 750 leaves a clear, thin, oily film that can be removed with an alkaline cleaner. To protect voids, apply to reachable surfaces by spray, mist, or fog and then tightly seal in an enclosure. The VCI protective molecules will saturate and protect within the enclosure. Axxanol™ 750 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 VCI Oil.

### Application Example

Axxanol™ 750 protects on contact and saturates the air with vapor corrosion inhibitor protection around coated metals sealed in plain LDPE poly packaging. In addition, the product protects crevices, internal surfaces, and void spaces.



### ▶ Benefits

All-in-one VCI, contact inhibitor, and barrier protection

Sprayable and easy to remove

Protects in hard-to-reach voids and chambers

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).



Protect void spaces of metals in inventory storage

## Technical Data

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

**Application** Apply via spray, mist, or fog  
 Tested on 1010 Steel panels with 20 Ra roughness  
 Application temperature -10 to 122°F (-23 to 50°C)  
 Coverage\* 1019 ft<sup>2</sup> (95 m<sup>2</sup>) per gal  
 Typical Wet Film Thickness\* 40 µm

**Properties**  
 Removability Alkaline cleaner  
 VOC content EPA method 24 2.14 Lbs/gal (257 g/L)  
 Flashpoint ASTM D93 176°F (80°C)  
 Viscosity 10-60cPs @25°C #61,100RPM

**Protection Info**  
 Indoors For VCI, use in packaging\*  
 Indoors (w/ VCI Packaging) For years\*\*  
 Outdoor Not recommended  
 Closed System Up to 3 years  
 ASTM D1748 Humidity Meets or exceeds 600 hrs  
 ASTM B117 Salt Spray Minimum 40 hrs  
 NACE VCI Jar TM0208-2018 Pass  
 Metal types Multimetals 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.

+ Immersion application is not recommended as the product contains VCI, which will be lost in the open airspace. See Axxanol™ 750-NV for immersion applications. The theoretical coverage estimates, based on the stated wet film thicknesses (WFTs), 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.

\* For Axxanol™ 750 protection without VCI see Axxanol™ 750-NV.

\*\* 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](http://www.zerust.com/warranty).

©2013-2023 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®/EXCOR® Axxanol™ 750 is sold as a ready-to-use liquid product. Large volume quantities and pricing are available upon request.

Part Number	Quantity*
350-M-00019PL	5 Gal (19 L)
350-M-00019DR	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](mailto:sales@zerust.com)  
[www.zerust.com](http://www.zerust.com)

