ZERUST® EXCOR®



Axxanol™ Spray-G

Technical Data Sheet

ZERUST®/EXCOR® Axxanol™ Spray-G is a sprayable grease-based rust preventative that provides the protection of a grease in the convenience of a sprayable form. It's designed to protect metal parts, equipment, and assemblies during long-term indoor and outdoor storage and challenging overseas shipping applications where a removable coating is essential. Use Axxanol™ Spray-G to safely protect machinery, equipment, other large metal assets, and more for up to 1 year‡ when stored outdoors or up to 5 years‡ when stored indoors in accordance with Caterpillar Inc.'s 1E4973 specification.

After application, place the coated parts into ZERUST® Vapor Corrosion Inhibitor (VCI) film packaging products for a more robust solution that protects for years‡ during indoor and outdoor storage or challenging shipping conditions, such as ocean freight. Axxanol™ Spray-G can be customized to different colors to match customer requirements. Minimum order quantity of 4 or more 55-gallon drums required for non-stock colors. Once the metal asset is ready to be put back into use or service, or if parts require further processing, the coating is easily removed from the metal surface with the use of a compatible ZERUST® AxxaWash™ product, commercial alkaline or solvent cleaner. Axxanol™ Spray-G does not intentionally contain barium or heavy metals and complies with Global Automotive Declarable Substance, TSCA, RoHS, and REACH SVHC requirements.

For over 50 years, ZERUST® has led the market in quality corrosion solution products. We are dedicated to providing expert corrosion management services and broadening the range of corrosion solutions for our customers. In addition, ZERUST® users have access to on-site support from ZERUST®/EXCOR® representatives in more than 70 countries. As a result, our customers have peace of mind when they choose ZERUST® for corrosion control management.

Typical Properties

Appearance	Sprayable grease with oily grease consistency.
Substrates	Multimetal protection. However, as with any grease/oil-based products, an oil stain may be left in certain situations.
Coverage*	815 ft² (76 m²) per gal
VOC content EPA Method 24	Non-aerosol: 2.18 lb/gal (261 g/L); aerosol: 3.70 lb/gal (444 g/L)
Flashpoint ASTM D93	177°F (81°C)
Viscosity	300 – 1,700 cPs @ 50RPM, spindle 63 @ 77°F (25°C) (non-aerosol)

*The theoretical coverage estimates, based on 2 mil (50 µm) wet film thicknesses (WFT), should only be used as a guide. 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.

This data sheet provides general guidelines for operation, application, and removal. Please contact your ZERUST®/EXCOR® account representative for more specific recommendations on your particular operation and conditions.

Operating Summary

- Ready-to-use grease-based sprayable corrosion inhibitor.
- Typical application temperature: apply in environment and on surfaces between 50 – 122°F (10 – 50°C).
- See Safety Data Sheet (SDS) section 7 for safe handling recommendations.

Application Technologies

- Can be used in spray processes.

Product Removal

- Axxanol™ Spray-G can be removed from the metal surface with the use of a compatible ZERUST® AxxaWash™ product, commercial alkaline, or solvent cleaner.

Product Control

- Spray application: do not reuse collected product from spray booths or drip pans.

Scan QR for more product information and photos

Availability

ZERUST®/EXCOR® Axxanol™ Spray-G is sold as a ready-to-use product. Axxanol™ Spray-G can be customized to different colors to match customer requirements. Minimum order quantity of 4 or more 55-gallon drums required for non-stock colors. Contact your ZERUST®/EXCOR® representative for ordering information.

Part Number	Product Name	Quantity*
350-M-00023AC	Axxanol™ Spray-G Aerosol	12 oz (355 ml) (12 Aerosol Cans/Case)
350-M-00023PL	Axxanol™ Spray-G	5 Gal (19 L) Pail**
350-M-00023DR	Axxanol™ Spray-G	55 Gal (208 L) Drum**
Non-Stock	Axxanol™ Spray-G Red	5 Gal (19 L) Pail**
Non-Stock	Axxanol™ Spray-G Red	55 Gal (208 L) Drum**
Non-Stock	Axxanol™ Spray-G Blue	5 Gal (19 L) Pail**
Non-Stock	Axxanol™ Spray-G Blue	55 Gal (208 L) Drum**

*Product sold in US customary units. Metric units approximate.
**5 Gallon approx. 35 lb, 55 Gallon approx. 400 lb.

Protection Info‡

Indoor (unpackaged)‡	Up to 5 years‡ indoors in accordance with Caterpillar Inc.'s 1E4973 specification. ZERUST®/EXCOR® recommendations may differ depending on actual applications and conditions. Please check with your ZERUST®/EXCOR® account manager if you have any questions.
Indoor (w/ ZERUST® VCI packaging)‡	For years‡
Outdoor‡	Up to 1 year‡
Rain impact resistance	Fair
Humidity ASTM D1748	Up to 2500 hours*
Salt spray ASTM B117	Up to 1500 hours*
Compatible with packaging	Yes

*ASTM D1748 and B117 data is based on 24 mil dry film thickness (DFT).

Storage

- Store in a cool, dry place and away from sunlight in the original packaging.
- Optimal storage temperature is 50 – 90°F (10 – 32°C) for up to 2 years from the date of shipment.
- Reseal or close the container cap after each use.

Disposal

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

Precautions

- Always mix well before use.
- Avoid placing metal surfaces in direct contact with wood or cardboard (sources of moisture and acid).
- Wear personal protective equipment as stipulated in the Safety Data Sheet (SDS).
- Refer to SDS for more safety information.

‡ DECLARATION
Corrosion protection claims are based on Northern Technologies International Corporation (NTIC) internal laboratory testing performed under controlled parameters on contaminate-free substrates. Real-world application corrosion protection duration on different substrates will vary and depends on factors such as, but not limited to, the application or use, environmental / storage conditions, surface cleanliness, type of substrates, and coating thickness (where applicable). The use of the term "Up to" in reference to time is defined as any time duration from zero up to a specified time frame, but in no event beyond the specified time frame. The use of the term "for years" is based on NTIC's experience with its products but is in no way guaranteed. The use of the term "Up to" in reference to volume is defined as any volume from zero up to a specified volume but in no event beyond the specified volume of protection. It is the customer's / user's obligation to evaluate product performance, corrosion protection duration, safety, and suitability for intended use within the scope advised in the data sheet and to comply with all applicable laws and regulations. **LIMITED WARRANTY/DISCLAIMER** Warranty is limited to the replacement of a product that fails to meet specifications. For full warranty and disclaimer information, visit www.zerust.com/warranty.

©2013-2026 Northern Technologies International Corporation (NTIC). All Rights Reserved. NTIC is the owner of the following trademarks: ActivPak®, Cor Tab®, EXCOR®, Flange Saver®, ICB®, ICT®, Natur-VCI®, NTI®, Plastabs®, Z-CIS®, Zerion®, ZERUST®, 洁乐特, Z-PAK® and the Color "Yellow". ABRIGO®, UNICO®, ICB®, and VALENO® are registered trademarks of EXCOR GmbH, a Joint Venture Partner of NTIC.

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

ZERUST® EXCOR®