

Axxanol™ A35-8030

Technical Data Sheet

ZERUST®/EXCOR® Axxanol™ A35-8030 is an oil-based rust preventative that forms a clear, thin, oily film that provides extreme corrosion protection against aggressive environments such as salt air and humidity for ferrous, non-ferrous, and multmetal surfaces. In addition to corrosion protection, it provides lubricating properties that help reduce friction and support smooth assembly and disassembly of metal parts. Use Axxanol™ A35-8030 with immersion, brush, or spray applications to safely protect metal components, machined and cast parts, engines, molds, and more for long-term indoor or outdoor storage.

After application, let the coated parts dry for 5 – 10 minutes and then place them into ZERUST® Vapor Corrosion Inhibitor (VCI) film packaging products for a more robust solution that protects for years[‡] during indoor storage or challenging shipping conditions, such as ocean freight. Axxanol™ A35-8030 can be customized to different colors or with a UV tracer to match customer requirements. Minimum order quantity of 4 or more 55-gallon drums required for non-stock colors. Additionally, if parts or components 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™ A35-8030 does not contain barium or heavy metals and complies with Global Automotive Declarable Substance, TSCA, RoHS, and REACH SVHC requirements.

For over 50 years, beginning with the invention of Intelligent Counter-Corrosion Technologies (ICT®) and Vapor Corrosion Inhibiting (VCI) film packaging, 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	Amber oil results in a light, thin, oily film. Additional colors are available upon request.
Substrates	Multimetal protection
Coverage*	815 ft ² (76 m ²) per gal
Wet film thickness (WFT)	2 mil (50 µm)
VOC content EPA Method 24	Non-aerosol: 0.31 lb/gal (38 g/L); aerosol: 2.54 lb/gal (303.8 g/L)
Flashpoint ASTM D93	212°F (100°C)
Density	0.92 g/cm ³
Viscosity	≈ 350 cPs @ 100RPM, spindle 63 @ 77°F (25°C)

*The theoretical coverage estimates, based on the stated wet film thicknesses (WFT), should only be used as a guide. 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.

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 oil-based rust preventative liquid.
- Typical application temperature: 50 – 110°F (10 – 43°C) in most operations.
- See Safety Data Sheet (SDS) section 7 for safe handling recommendations.

Application Technologies

- Can be used in immersion, brush, or spray processes.

Product Removal

- Axxanol™ A35-8030 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.
- Immersion application: for extended dip tank use, contact your dedicated ZERUST®/EXCOR® account representative.
- Brush-on application: use a natural bristle brush. Decant into a smaller container. Do not reuse product. Do not contaminate the original product container with the brush.

Scan QR for more



product information
and photos

Availability

ZERUST®/EXCOR® Axxanol™ A35-8030 is sold as a ready-to-use liquid product. Axxanol™ A35-8030 can be customized to different colors or with a UV tracer 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	Quantity*
350-M-00120AC	12 oz (355 ml) (12 Aerosol Cans/Case)
350-M-00120PL	5 Gal (19 L) Pail
350-M-00120DR	55 Gal (208 L) Drum

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

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‡

Humidity ASTM D1748

Minimum 1,320 hours

Salt spray ASTM B117 (w/ 2 mil WFT)

Up to 1,000 hours

Compatible with packaging

Yes

*Outdoor corrosion protection for parts or components that are not exposed to wind, water, or abrasive erosion of the protective coating. For additional information or application guidance, please contact your ZERUST®/EXCOR® Account Manager.

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 contaminant-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.

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