

▶ ZERUST® Axxanol™ 33CD-HF

ZERUST®/EXCOR® Axxanol™ 33CD-HF is a solvent-based rust preventive coating that dries to the touch, eliminating oily surfaces that can attract dust and contaminants. This coating protects for up to six months under shelter or can be used with VCI packaging for long-term protection.

Use ZERUST® Axxanol™ 33CD-HF to safely protect metals and cast or machined parts during shipment, storage, and work-in-progress. It protects multiple metal types against corrosion for up to six months under shelter. After allowing metals to dry completely, place them into ZERUST® Vapor Corrosion Inhibitor (VCI) packaging products for a more robust solution that protects for years and during challenging conditions such as ocean shipments.

Axxanol™ 33CD-HF coated and dried parts are safe to handle. During drying, the solvent completely evaporates, leaving behind a harmless corrosion-preventative coating. When handling coated parts, end users do not need to wear personal protective equipment such as a respirator, mask, or safety glasses. Only clean gloves without lint or talc are recommended to keep metals free of corrosion and contaminants.

Application Example

Protect metal parts with ZERUST® Axxanol™ 33CD-HF from corrosion during overseas shipping. It leaves a dry-to-touch coating that dried quickly and could be used with VCI packaging.



▶ Benefits

Proven corrosion protection for challenging environments

Higher flash point

May be used with ZERUST® VCI Film

Apply by spray, brush, or immersion

Multimetal protection

Near dry-to-touch thin oil

Compatible with most engine oil lubricants

Application Type

Storage

Shipping

During Operation

May be used with ZERUST® packaging



Use ZERUST® Axxanol™ 33CD-HF alone or with ZERUST® VCI packaging.

Technical Data

Product Information	Ready to use solvent-based corrosion preventative liquid. Amber liquid dries to an invisible and non-tacky coating.	
Application	Apply via spray, brush, or immersion	
	Application Temperature	50 to 110°F (10 to 43°C)
	Coverage*	4075 ft ² (379 m ²) per gal
	Typical Wet Film Thickness*	10 µm
Properties	Removability	Alkaline or solvent cleaner
	VOC Content EPA Method 24	5.96 Lbs/gal (716 g/L)
	Flash Point	143.6°F (62°C)
	Viscosity	1.409 cSt @ 40°C
Protection Info	Indoors	Up to 6 months
	Indoors (w/ VCI Packaging)	For years
	Outdoor	Not recommended
	ASTM B117 Salt Spray	Up to 4 hours
	Metal Types	Multimetal protection

Storage Store in a cool (32 to 85°F / 0 to 30°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 (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.

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Availability

ZERUST®/EXCOR® Axxanol™ 33CD-HF is sold as a ready-to-use liquid product. Large quantity pricing is available upon request.

Part Number	Quantity
350-M-00076PL	5 Gal (19 L)
350-M-00076DR	55 Gal (208 L)

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

Disposal

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

Operation Info

- For immersion applications, ensure the sump tank allows for water draining. Use a particulate filter of 100 microns or less. In order to maintain a "dry-to-touch" feel on parts, the product must be maintained at a 2-4% concentration level.
- When the coating is dry, no personal protection is needed. Only clean gloves without lint or talc are recommended to keep metals free of corrosion and contaminants.

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