

ZERUST® Axxanol™ 33CD

ZERUST® Axxanol™ 33CD 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 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 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

Exhaust manifolds are protected by Axxanol™ 33CD. The project spec required a dry-to-touch coating that dried quickly and could be used with VCI packaging.



Benefits

Proven corrosion protection and approved by many OEMs

May be used with ZERUST® VCI Film

Dry to the touch

Multimetal protection

Compatible with most engine oil lubricants

Application Type

Storage

Shipping

During Operation

May be used with ZERUST® packaging



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

Technical Data

Product Information Solvent-based corrosion preventative liquid. Amber liquid dries to an invisible and non-tacky coating.

Application Apply via spray or dip
 Application Temperature 50 to 110°F (10 to 43°C)
 Coverage* 4075 ft² (379 m²) per gal
 Typical Wet Film Thickness* 10 µm

Properties Removability Alkaline or solvent cleaner
 VOC Content 5.93 lb/g EPA Method 24
 Flash Point 100°F(38°C)
 Viscosity 60 cPs @ 73°C
 1.122 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® Axxanol™ 33CD is sold as a ready-to-use liquid product.

Part Number	Quantity*
350-M-00010PL	5 Gal (19 L)
350-M-00010DR	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 dip 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. Use clean gloves without lint or talc to keep metals free of corrosion and contaminants.

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