

Zerust[®] Axxanol[™] 33 Oil

Zerust[®]/Excor[®] Axxanol 33 rust preventative oil provides powerful corrosion protection against aggressive environments such as salt air and humidity for ferrous and some non-ferrous metals. It provides protection for up to one year under shelter.

Axxanol 33 is an oil-based corrosion preventive coating that is widely used as a replacement for standard oil in dipping applications. Axxanol 33 is a rust preventative for ferrous and some non-ferrous metals including aluminum, zinc, and copper for up to twelve months under shelter. Typical Zerust Axxanol 33 applications include corrosion protection for in-line rolling mill applications, cold rolled sheet and coils, wire bar, and cast and machined metals during shipment and storage.

Axxanol 33 forms a thin protective coating that can be removed with most alkaline cleaners. Use Axxanol 33 in conjunction with Zerust Vapor Corrosion Inhibitor (VCI) packaging for a more robust solution that provides corrosion protection for years.

Application Example

A crankshaft protected by Zerust Axxanol 33 and Zerust Ferrous VCI Film arrived without corrosion after travelling in an overseas shipment from Finland to the United States.



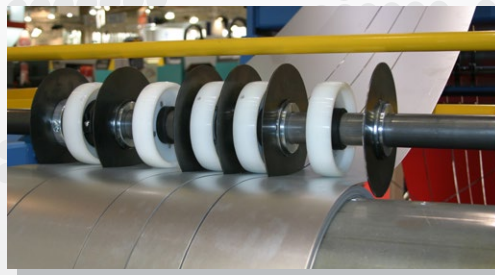
Benefits

- Proven corrosion protection
- May be used with Zerust VCI Film
- Apply by spray, brush or dip
- Multimetal protection
- Compatible with most engine oil lubricants
- Non-hazardous*

Application Type

- Storage
- Shipping
- During Operation
- May be used with Zerust packaging

*Product in 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).



Use Zerust® Axxanol™ 33 alone or with Zerust/Excor® VCI packaging.

Technical Data

Product Information	Ready to use rust preventative oil liquid. Light amber liquid coating results in a thin, oily film.	
Application	Apply via spray, electro-static spray, brush or dip	
	Application temperature	50 to 110°F (10 to 43°C)
	Coverage (Dip application)	400 ft ² (37 m ²) per gal @1 mil (25 µm) thick
	Engine Oil Compatibility†	≤ 10% v/v
Properties	Removability	Alkaline or solvent cleaner
	VOC content EPA Method 24	1.03 lb/gal (123 g/L)
	Flash Point ASTM D93B	>194°F (>90°C)
	Viscosity	20-40 cP @73°F, #61, 50 RPM
Protection Info	Indoors	Up to 12 months
	Outdoor	Not recommended
	Packaging/hermetically sealed	Up to 7 years
	Humidity ASTM D1748	> 600 hours
	Salt Spray ASTM B117	16 - 24 hours
	Metal types	Multimetal protection
Storage	Store in a cool (32 to 90°F / 0 to 32°C), dry place and away from sunlight in original packaging for up to 2 years from the date of shipment.	

†Engine oil compatibility test report performed by an independent lab. Available upon request.

Availability

Zerust®/Excor® Axxanol 33 is sold as a ready-to-use liquid product. Large quantity pricing available upon request.

Part Number	Qty
350-M-00003PL	5 Gal
350-M-00003DR	55 Gal

Non-Hazardous

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

Safety

- Product in 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).

Warranty and Disclaimer Information: We guarantee our products conform to documented quality specifications. Product information subject to change without notice. We make no warranty of any kind expressed or implied as to the effects of use (including, but not limited to, damage or injury). For full warranty and disclaimer information visit, www.zerust.com/warranty.

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