

Zerust® Axxanol™ 46-BIO

Zerust Axxanol 46-BIO is a bio-based, sprayable corrosion inhibitor preservative in the form of a light lubricant oil. It offers corrosion protection on exposed surfaces as well as in crevices and recesses for iron, steel, aluminum and related alloys.

Use Zerust Axxanol 46-BIO is made from renewable vegetable oil, making it less flammable (flash point of 435°F/224°C) when compared with conventional mineral-oil based corrosion protective compounds (CPC). Axxanol 46-BIO protects for up to three months outdoors and one year indoors or under shelter.

This environmentally friendly corrosion inhibitor is formulated to compare in performance to MIL-PRF-3150 medium preservative oils except for its viscosity. It is a light oil with a viscosity of 46 centipoise for better flow than conventional 100 centipoise MIL-PRF-3150 oils. Axxanol 46-BIO's light, viscous properties, optimize it for compressed-air spray application. It also compares favorably with MIL-PRF-63460 cleaner-lubricant-preservatives and light CPC grades of MIL-PRF-16173 except it is bio-based. Axxanol 46-BIO can be dip coated, brushed, or wiped onto surfaces to leave a thin, transparent non-tacky film. Ideal for cleaning and protecting equipment.

Application Example

Zerust Axxanol 46-BIO is ideal for protection of objects with exposed bare metal, such as tools, vehicles, military and farm equipment. It is also ideal for light lubrication with corrosion protection of cables, coils, hinges, and castors.



Benefits

- Bio-based oil from renewable resources
- Proven corrosion protection
- Easy-to-apply and sprayable
- Easy-to-remove with cleaners or biode detergent
- Non-staining

Application Type

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



Use Zerust® Axxanol™ 46-BIO to coat small parts and exposed machinery.

Technical Data

Product Information	Bio-based, sprayable corrosion inhibitor preservative in the form of a light lubricant oil.	
Application	Apply via spread, brush or dip Application temperature Coverage (Dip application) 500 ft ² (46 m ²) per gallon Layer Thickness 1 mil (25 μ)	
Properties	Removability	Aqueous-based detergent
	VOC content	40-45%
	Flash Point	435°F (224°C)
	Viscosity	
Protection Info	Indoors	Up to 12 months
	Outdoor	Up to 3 months
	Packaging/hermetically sealed	Not for use in packaging
	ASTM B117 Salt Spray	
	Metal types	Ferrous, aluminum, zinc, solder, compatible with copper
	Temp	32 to 85°F (0 to 30°C)
Storage	Duration	Up to 2 years

Availability

Zerust Axxanol 46-BIO is sold as a ready-to-use liquid product.

Part Number	Qty
350-M-000011GL	1 Gal
350-M-000011PL	5 Gal
350-M-000011DR	55 Gal

Disposal

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

Operation Info

1. Ensure metal surfaces are clean and free of contaminants such as dirt, oil, fluids, etc.
2. Apply a thin coat of Zerust Axxanol 46-BIO using pressurized air or airless sprayer or other light misting, brushing or dipping methods.
3. Allow access Axxanol 46-BIO or drain-off or wipe-off excess with a clean lint-free cloth. The product will leave behind a thin corrosion-inhibiting residual film that provides full protection.

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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