

ZERUST® Axxanol™ 46-BIO

ZERUST® Axxanol™ 46-BIO is a bio-based, sprayable corrosion inhibitor preservative in the form of a light lubricant oil that 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) compared with conventional mineral-oil-based corrosion protective compounds (CPC). In addition, Axxanol™ 46-BIO protects for up to 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 the 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.

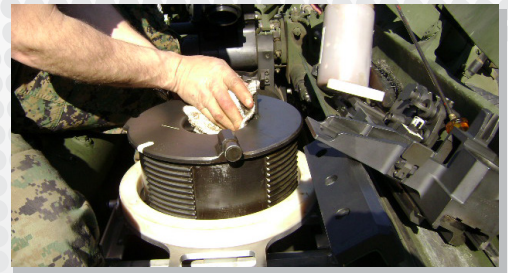


Benefits

- Bio-based oil from renewable resources
- Proven corrosion protection
- Easy-to-apply and sprayable
- Easy to remove with a cleaner 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	
	Coverage (Dip application)	500 ft ² (46 m ²) per gallon
	Layer Thickness	1 mil (25 μ)
Properties	Removability	Aqueous-based detergent
	VOC content	None
	Flash Point	435°F (224°C)
Protection Info	Indoors	Up to 1 year
	Indoors (w/ VCI Packaging)	Not Recommended
	Outdoor	Not Recommended
	Metal types	Ferrous, aluminum, zinc, solder, compatible with copper

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.

DECLARATION

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Availability

ZERUST® Axxanol™ 46-BIO is sold as a ready-to-use liquid product.

Part Number	Quantity*
350-M-00011GL	1 Gal (3.8 L)
350-M-00011PL	5 Gal (19 L)
350-M-00011DR	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

- Ensure metal surfaces are clean and free of contaminants such as dirt, oil, fluids, etc.
- Apply a thin coat of ZERUST® Axxanol™ 46-BIO using pressurized air, an airless sprayer or other light misting, brushing, or dipping methods.
- Allow access to Axxanol™ 46-BIO for 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.

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