

ZERUST® Axxanol™ Z-Maxx Series

For a hard-working corrosion preventative grease—use ZERUST® Axxanol™ Z-Maxx or Z-Maxx LV. Z-Maxx greases provide extreme corrosion prevention for ferrous and non-ferrous metals for up to one year outdoors and three years under shelter.

ZERUST® Axxanol™ Z-Maxx is ideal for protecting bare-metal parts and components of machinery and equipment in extreme weather and salt-air conditions. Z-Maxx can be used for protecting parts during operation or long-term storage. Z-Maxx outperforms most petroleum-based corrosion preventative coatings and is easier to apply and remove—saving labor and maintenance costs.

Z-Maxx is a thick NLGI 2 grease and is also offered as Z-Maxx LV, a lower viscosity NLGI 0 grease. Both types offer exceptional corrosion protection, while the original Z-Maxx is also a multipurpose EP lubrication grease for high-temperature range applications. Z-Maxx LV is designed for spreadability and has light lubrication properties.

Z-Maxx has very little odor, and when applied in a thin, uniform layer, it creates a translucent film that allows visibility of the metal surface. It is hydrophobic and is compatible with synthetic rubber and plastics. For a sprayable Z-Maxx grease version, see information on ZERUST® Axxanol™ Spray-G.

Application Example

Z-Maxx was applied to critical metal parts on wind generators and solar panels in preparation for shipping. Upon arrival, customers installed them without the need to remove the protective coating.



Benefits

- Superior corrosion protection
- Long-term protection, even outdoors
- Multipurpose lubricant grease
- Available in different formats for ease of application
- Safe* and easy to apply and remove
- Tenacious and resistant to water

Application Type

- Storage
- Shipping
- During Operation
- May be used with ZERUST® packaging

*Safe to use and handle. Product is not hazardous for people or the environment according to EU (CLP) or OSHA HazCom 2012 (US GHS).



Technical Data

Product Series Information	Corrosion inhibitor lubricant greases.	
Application	Z-Maxx Original Apply via brush or cloth	Z-Maxx LV Apply via brush or cloth
Application Temp	-13 to 176°F (-25 to 80°C)	-13 to 176°F (-25 to 80°C)
Coverage	290 ft ² (27 m ²) / gal	290 ft ² (27 m ²) / gal
Wet Film Thickness*	5 mil (127 µm)	5 mil (127 µm)
Grease Grade	NLGI 2	NLGI 0
Removability	Alkaline cleaner	Alkaline cleaner
VOC Content	Not Applicable	Not Applicable
Flash Point	475°F (246°C)	390°F (200°C)

Protection Info		
Metal types	Multimetal protection+	Multimetal protection+
Copper Compatibility	Pass	Pass
Salt Fog (ASTM B-117)	>500 Hrs @ 2 mil	>500 Hrs @ 2 mil
Indoors	Up to 3 years	Up to 3 years
Outdoors	Up to 1 year	Up to 1 year
In VCI Packaging/ Hermetically Sealed	For years	For years

Storage Store in a cool (50 to 90°F / 10 to 32°C), dry place and away from sunlight in original packaging for up to 2 years from the date of shipment.

*A change in coating thickness will result in a change in coverage. Typical application thickness ranges from 5 to 20 mil. Theoretical coverage is 1450 ft² (135 m²) / gallon at 1 mil (24 µm) wet film thickness.

+Yellow metal compatible. However, as with any grease/oil-based products, an oil stain may be left in certain situations.

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Availability

ZERUST®/EXCOR® Axxanol™ Z-Maxx is a ready-to-use grease product sold by volume. For the sprayable version, see the infosheet for Axxanol™ Spray-G.

Part Number	Model	Quantity**
360-M-00001PL	Axxanol™	5 Gal (19 L)
360-M-00001DR	Z-Maxx	55 Gal (208 L)
360-M-00002PL	Axxanol™	5 Gal (19 L)
360-M-00002DR	Z-Maxx LV	55 Gal (208 L)
350-M-00023AC	Axxanol™	12 oz (355 ml)
350-M-00023PL	Spray-G	5 Gal (19 L)
350-M-00023DR	(Z-Maxx Spray)	55 Gal (208 L)

*5 Gallon approx. 35 lbs, 55 Gallon approx. 400 lbs

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

Safety

- Safe to use and handle. Product is not hazardous for people or the environment according to EU (CLP) or OSHA HazCom 2012 (US GHS).
- Product in an 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).

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