

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®/Excor® 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 preventive 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 need for removing 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 Specs

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 Temp	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.
Shelf Life	

*A change in thickness of coating 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.

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Availability

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

Part Number	Qty
Axxanol™ Z-Maxx	
360-M-00001PL	5 Gal*
360-M-00001DR	55 Gal*
Axxanol™ Z-Maxx LV	
360-M-00002PL	5 Gal*
360-M-00002DR	55 Gal*
Axxanol™ Spray-G (Z-Maxx Spray)	
350-M-00023AC	12 oz
350-M-00023PL	5 Gal*
350-M-00023DR	55 Gal*

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

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 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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