



ZERUST
INTEGRITY SOLUTIONS®

ZERUST® Zeriol® MOV 710C

Technical Data Sheet

Product Description

ZERUST® Zeriol® MOV 710C is a synthetic storage oil designed to protect new or rebuilt equipment during storage. Fortified with traditional corrosion inhibitors and Vapor Corrosion Inhibitor (VCI) technology, it provides combined contact and vapor-delivered corrosion protection, enabling corrosion-inhibiting molecules to diffuse through enclosed airspaces and protect both wetted and non-wetted metal surfaces.

Ideal for pumps, compressors, turbines, gearboxes, and similar equipment, Zeriol® MOV 710C is used at 10% of reservoir capacity, ensuring a high concentration of corrosion-inhibiting additives to protect internal components.

Typical Applications

- Pumps, compressors, and turbines
- Gearboxes and hydraulic systems
- Stored industrial machinery
- Rebuilt or new equipment
- Seasonal or standby equipment
- Marine and power generation systems

Key Advantages

- Long-term corrosion protection
- Fortified with Vapor Corrosion Inhibitor (VCI) technology and traditional inhibitors
- Forms a protective layer on internal components
- Ideal for pumps, compressors, turbines, and gearboxes
- Requires only 10% of reservoir capacity for effective protection

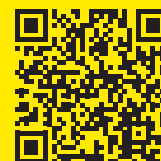
Application Guidelines and Removal*

Zeriol® MOV 710C is designed to be used at 10% of the reservoir capacity. It is important to cap all vents and hermetically seal the unit in storage. This will allow the corrosion inhibitors to coat the internals of the equipment while preventing any escape to the atmosphere. When installing equipment simply drain Zeriol® MOV 710C and fill the reservoir to normal capacity before putting the piece of equipment into service.

Caution: Zeriol® MOV 710C should not be mixed with Glycol or Silicone base oils.

*Consult a ZERUST® representative to discuss specific needs.

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product information



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Typical Properties

Properties**	Details
ISO Grade	46
Specific Gravity	0.899
Pounds per Gallon	7.5
Color/Appearance	4 MAX
Viscosity (SUS @ 100°C)	120
Flash Point	120°F (49°C)

**Typical values are not meant to be a specification.

Availability

Contact a ZERUST® representative for ordering information.

Product Number	Unit of Measure***
350-M-00079PL	5 gal (19 L) pail
350-M-00079DR	55 gal (208 L) drum

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

Storage

Store at 10-32 °C (50-90 °F) in sealed original containers. Protect from direct sunlight. Typical shelf life ~2 years. Refer to SDS for handling and safety guidance.

† DECLARATION

Corrosion protection claims are based on Northern Technologies International Corporation (NTIC) internal laboratory testing performed under controlled parameters on contaminate-free substrates. Real-world application corrosion protection duration on different substrates will vary and depends on factors such as, but not limited to, the application or use, environmental/ storage conditions, surface cleanliness, type of substrates, and coating thickness (where applicable). The use of the term "Up to" in reference to time is defined as any time duration from zero up to a specified time frame, but in no event beyond the specified time frame. The use of the term "for years" is based on NTIC's experience with its products but is in no way guaranteed. The use of the term "Up to" in reference to volume is defined as any volume from zero up to a specified volume but in no event beyond the specified volume of protection. It is the customer's/user's obligation to evaluate product performance, corrosion protection duration, safety, and suitability for intended use within the scope advised in the data sheet and to comply with all applicable laws and regulations.

LIMITED WARRANTY/DISCLAIMER Warranty is limited to the replacement of a product that fails to meet specifications. For full warranty and disclaimer information, visit www.zerust.com/warranty.

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With over 50 years of experience, ZERUST Integrity Solutions®, a division of Northern Technologies International Corporation (NTIC), creates unique inhibitor-based corrosion prevention solutions to serve terminals, pipelines, exploration and production, equipment suppliers, transportation sectors, and more.

ZERUST Integrity Solutions®, ZERUST®/EXCOR®, and Natur-Tec® are sister companies under NTIC.



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