

ZERUST® Axxanol™ 707C VCI Additive

ZERUST®/EXCOR® Axxanol™ 707C is a vapor-phase-only corrosion inhibitor concentrate specially designed for use with lubricating oils for the corrosion protection of metal surfaces within the void spaces of closed systems such as internal combustion engines, transmissions, gearboxes, hydraulic systems, or other sealed, lubricated systems.

During periods of storage, shipping or field lay-up, lubricating oils will drain from the interior surfaces of systems and flow back into the sumps leaving these surfaces susceptible to corrosion caused by condensation of humid air. When mixed with new, respective, approved lubricating oils per system set, ZERUST® Axxanol™ 707C emits corrosion-protective vapor-phase molecules into the void spaces that adsorb to these exposed surfaces, thus offering excellent and extended periods of corrosion protection of void space for up to two years for these systems, dependent on the degree of closure.

ZERUST® Axxanol™ 707C is conveniently offered as a liquid concentrate and may be diluted per the application. For large-volume product users requiring detailed product operating guides, please contact your assigned ZERUST®/EXCOR® sales representative for further information.

Application Methods

ZERUST® Axxanol™ 707C can be applied in the following ways:

- Premix Axxanol™ 707C in new oil at the recommended concentration and then add to the sump.
- Turn the engine over manually or electrically for 1-2 minutes to distribute the oil evenly inside the system to be protected.



Benefits

Compatible with engine, gearbox, and hydraulic oils when used as instructed

Protects in hard-to-reach voids and chambers

Superior aluminum and ferrous protection

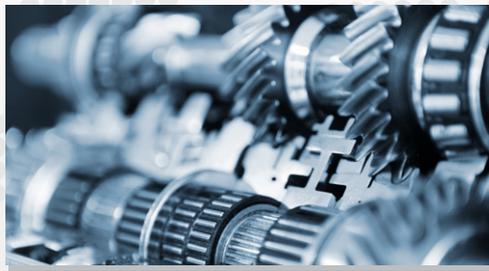
High flash-point

Application Type

Storage
Shipping
Operation

Compatibility

- Engine oils
- Diesel oils (Not compatible with diesel fuel)
- Hydraulic oils
- Gearbox oils
- Nitrile & silicone elastomers



Technical Data

Product Information Oil-based VCI corrosion preventative liquid concentrate.

Application Add concentrate to the oil prior to filling the chambers
Addition Rate 3-10% to oil
(3% typically recommended. With an addition rate above 3%, drain and refill the system with new unblended oil when the engine is being put back into service.)

Properties Viscosity at 72°F (22°C) ~45 cPs #62, 100RPM
Density at 77°F (25°C) 0.87 g/mL (7.261 lbs/gal)
VOC content 6.62 lb/gal EPA method 24
Flash Point 167°F (75°C)
TBN 52.89 mg KOH/g
Vapor Inhibiting Ability (VIA) Pass (TM0208-2008)

Protection Info Closed System Up to 2 years
Metal types Multimetal protection for ferrous, non-ferrous, cast aluminum (A380), and brass. Not for use on electronics.

Storage Store in a cool (14 to 125°F/-10 to 52°C), dry place and away from sunlight in original packaging for up to 2 years from the date of shipment. If Axxanol™ 707C should accidentally freeze, move it to a location warm enough to thaw (>50°F/10°C) and thoroughly mix the solution to ensure homogeneity. Store away from strong oxidizing agents and strong acids.

DECLARATION

This Data sheet and information it contains is considered to be accurate at the date of printing. No representation or warranty, expressed or implied is made as to the accuracy or completeness of the data and information contained in this publication. It is the User's obligation to evaluate and use products safely and within the scope advised in the data sheet and to comply with all applicable laws and regulations.

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Availability

ZERUST®/EXCOR® Axxanol™ 707C is sold as a liquid concentrate. Large quantity pricing is available upon request.

Part Number	Quantity*
350-M-00048GL	1 Gal (3.8 L)
350-M-00048PL	5 Gal (19 L)
350-M-00048DR	55 Gal (208 L)

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

Disposal

Collect waste when removing. Dispose of in accordance with local, national, and international regulations. Handle empty containers with care because residual vapors may be flammable. Avoid release to the environment.

Precautions

- Not compatible with diesel fuel.
- Not intended for galvanized metals. Test before use.
- For best results during storage, turn the engine over for 1-2 minutes once every month to optimize the corrosion inhibitor protection.
- Before placing an asset back into service, it is highly recommended that the storage oil be drained from the asset and recharged with fresh oil to the required operating level.

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