

# ZERUST® Axxanol™ 710C VCI Additive

ZERUST®/EXCOR® Axxanol™ 710C is a corrosion-preventative oil additive that protects by means of ZERUST® Contact Inhibitors and Volatile Corrosion Inhibitors (VCI). Designed to protect engines, hydraulic systems, and gearboxes against corrosion during lay-up, shipping, or other storage applications.

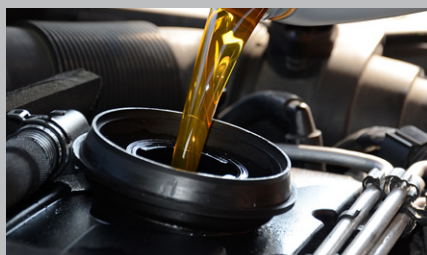
ZERUST® Axxanol™ 710C VCI Oil Additive is to be diluted into new engine, gearbox, and hydraulic oil to protect the internal surfaces of engines, gearboxes, and hydraulic systems. It provides thorough protection through ZERUST® Contact Inhibitors and VCI (Volatile Corrosion Inhibitor) chemistry that migrates to protect hard-to-reach internal surfaces of engines, gearboxes, and hydraulic systems such as crevices, slots, oil holes, etc., for up to 5 years in hermetically sealed systems.

ZERUST® Axxanol™ 710C 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™ 710C can be applied in the following ways:

- Premix Axxanol™ 710C 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

All-in-one VCI, contact inhibitor, and barrier protection

Compatible with oils as a corrosion-preventative additive

Protects in hard-to-reach surfaces in chambers

Superior aluminum and ferrous protection

High flash-point

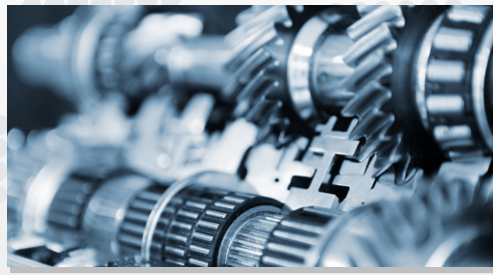
## Application Type

Storage  
Shipping

## Compatibility

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

Independent lab testing has shown not to cause additional wear. Certification is available upon request.



## 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)	100-300 cPs #63, 100RPM
Density at 77°F (25°C)	0.96 g/mL (8.023 lbs/gal)
VOC content	0.16 lb/gal (calculated)
Flash Point	149°F (65°C)
TBN	55.6 mg KOH/g
Vapor Inhibiting Ability (VIA)	Pass (TM0208-2008)

**Protection Info**

Closed System	Up to 5 years
Metal types	Multimetal protection for ferrous, non-ferrous, cast aluminum (A380), brass, and galvanized metals. 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™ 710C should accidentally freeze, move it to a location warm enough to thaw it (>50°F/10°C) and thoroughly mix the solution to ensure homogeneity. Store away from strong oxidizing agents and strong acids.

**DECLARATION**  
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## Availability

ZERUST®/EXCOR® Axxanol™ 710C is sold as a liquid concentrate. Large quantity pricing is available upon request.

Part Number	Quantity*
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 contact 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.

A product of:  
 Northern Technologies International Corp  
 4201 Woodland Road  
 Circle Pines, MN 55014  
 USA

Phone. +1 763.225.6600  
 Fax. +1 763.225.6645  
[sales@zerust.com](mailto:sales@zerust.com)  
[www.zerust.com](http://www.zerust.com)

