



XL Corrosion Inhibitor Concentrate

High performance coolant and corrosion inhibitor

Product Data Sheet

Product description

XL Corrosion Inhibitor Concentrate is a high performance environmentally sensitive coolant and corrosion inhibitor. It is based on extended-life organic acid Carboxylate technologies, and should be mixed at 7.5% by volume with water.

It is suitable for use in automotive, marine, stationary and power generation cooling systems where glycol-based antifreeze coolants are not required.

Customer benefits

- Unique carboxylate technology inhibits corrosion in aluminium, iron, steel, copper and solder alloys
- Optimised wet liner cavitation erosion protection
- High level protection for aluminium heat transfer surfaces
- Very low corrosion inhibitor depletion rate ensures long-term cooling system protection
- Low depletion eliminates need for introduction of supplementary additives or regular testing or maintenance

Applications

- Automotive and transport engines
- Construction, earthmoving, mining and quarrying equipment
- Marine engines
- Stationary power generation engines
- High temperature aluminium engine blocks
- Inhibitor package for central heating systems, hydraulic safety fluids and mining fluids

Recommended maximum service intervals, using 7.5% volume with water:

- Passenger car & light truck commercial vehicles: 250,000 km or 5 years
- Heavy-duty diesel, on-road: 600,000 km or 4 years
- Heavy-duty diesel, off-road: 8,000 hours or 4 years
- Stationary power generation & marine engines: 32,000 hours

Product highlights:

- Suitable for automotive, marine, stationary and power generation systems
- Unique corrosion protection technology
- High level aluminium protection
- Very long service life
- Selected specification standards include:
 - Caterpillar Marine Power Systems (MaK)
 - Detroit Diesel
 - Deutz
 - Liebherr
 - MAN Diesel (B&W)
 - MAN Diesel (Ruston)
 - MAN Nutzfahrzeuge
 - Mercedes Benz trucks
 - MTU
 - New Sulzer
 - Scania
 - Ulstein Bergen
 - Wärtsilä
 - Yanmar

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Global Lubricants



Approvals and performance specifications

Performance specifications

- Caterpillar Marine Power Systems (MaK)
- Detroit Diesel
- Deutz (TR0199-99-2091) medium & large engines
- Liebherr MD 1-36-130 (DCA)
- MAN Diesel (B&W), 2 and 4-cycle engines
- MAN Diesel (Ruston)
- MAN Nutzfahrzeuge, MAN 248
- Mercedes Benz trucks, MB 312.0
- MTU (MTL 5049) Series 2000/4000 engines
- New Sulzer Diesel, 2-cycle engines
- Scania
- Ulstein Bergen 2.13.01, diesel and gas engines
- Wärtsilä, diesel/gas/dual fuel engines
- Yanmar

Typical test data

XL CORROSION INHIBITOR CONCENTRATE		
TEST	TEST METHODS	RESULTS
Product Code		510533
Appearance	Visual	Clear liquid
Colour	-	Green fluorescent
Density, 20 °C, kg/L	ASTM D5931	1.058
pH, 7.5% solution in water	ASTM D1287	8.3
Nitrate, Amine, Phosphate and Borate content	-	Nil
Silicate content, as Na₂SiO₃	-	Nil

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.



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continued

Disclaimer Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheet's.

Health, safety, storage and environmental Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

For more information, go to www.chevronlubricants.com

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