

DELO[®] XLC ANTIFREEZE/COOLANT

Product Information Sheet



Modern diesel engines are designed to meet stringent emission regulations without sacrificing gross payload to operate and deliver on time. This means newer radiators and heat exchangers are often made with lighter metal alloys, such as aluminum, and manufactured using the Controlled Atmosphere Brazing (CAB) process. However, traditional coolant formulas with nitrites can react poorly to these newer brazed metals, prompting many OEMs to require coolant formulations without nitrites.

WHY CHOOSE DELO XLC?

Delo XLC Antifreeze/Coolant is a nitrite-free, extended life OAT (Organic Additive Technology) formulation for heavy or light duty vehicles and other equipment. The heavy duty, nitrite-free, glycol-based product provides maximum protection for the six common metal alloys found in modern heat transfer systems. The wide temperature tolerance of Delo XLC Antifreeze/Coolant provides protection against winter freeze-up and summer boil-over, keeping your engine operating even in extreme conditions. Delo XLC Antifreeze/Coolant keeps your coolant system doing what it's supposed to do—controlling temperatures to extend system and coolant life.

BENEFITS

Manage operating costs

Eliminates the time and cost associated with using radiator conditioners and other supplemental coolant additives (SCAs)

Reduce unplanned downtime

Mitigates risk of overheating due to excellent heat transfer compared to silicate containing coolants

Maximize protection in extreme conditions

Unique nitrite-free formula offers full protection for aluminum components even in high- and low-temperature operating conditions

Extend hardware life

Maximum water pump life due to no silicate formula

Go further between service intervals

No SCAs required to reach service life of 1,000,000 miles / 1,600,000 km / 15,000 hours, or 8 years, or 1,200,000 miles / 1,900,000 km / 20,000 hours or 8 years of diesel engine coolant system protection when properly maintained with a Delo FleetFix[®] CMX addition at 600,000 miles / 960,000 km / 10,000 hours or 4 years

Increase flexibility with compatibility

Compatible with other conventional coolant formulations and supplemental coolant additives*

Meet environmental requirements

Biodegradable in its unused form

Protect your components

Reduce damage related to rust, corrosion, pitting and erosion on all metals



Available in Premixed 50/50 and concentrate.

Delo[®]
Let's go further.[®]

APPLICATIONS

Some OEMs require the use of nitrite in heavy duty engine applications.

Recommended applications for Delo XLC Antifreeze/Coolant:

- Heavy duty engines regardless of fuel type or environmental controls being used where the OEM recommends a nitrite-free, silicate-free coolant.
- Mixed fleets where automobiles, light duty trucks and heavy duty trucks are being serviced and the OEM recommends a nitrite-free, silicate-free product.**
- Recreational vehicles where a nitrite-free, silicate-free product is recommended.
- On-road, off-road and marine cooling system applications.

SPECIFICATIONS AND OEM CLAIMS

Delo XLC Antifreeze/Coolant is approved for:

- Cummins CES 14439
- Detroit Diesel DFS93K217ELC
- Deutz DQC CB-14
- Komatsu KES 07.892
- MAN 324 Type SNF
- MB-Approval 325.3 (Concentrate)
- MB-Approval 326.3 (Premixed 50/50)

Delo XLC Antifreeze/Coolant meets the specifications of:

- ASTM D3306
- ASTM D6210
- DAF 74002
- MTU MTL 5048
- TMC RP 364

Delo XLC Antifreeze/Coolant is recommended for use in:

- GE - Jenbacher Stationary Natural Gas Engines
- Hino Truck Diesel Engines
- Isuzu Truck Diesel Engines
- Kobelco Construction Equipment Diesel Engines
- MTU 2000/4000 Diesel Engines
- Navistar MAXXFORCE Engines
- Scania Truck Diesel Engines
- Volvo Construction Equipment (VCE) Diesel Engines
- Volvo and Mack Truck Diesel Engines
- Wärtsilä Stationary Diesel Engines
- Vestas Wind Turbine Power Electronics External Coolant System
- European HD OEMs that require both phosphate-free and nitrite-free formulations
- Japanese HD OEMs that require silicate-free formulations

*It is recommended that this product not be diluted with other coolant formulations by more than 25% in order to maintain performance claims. Dilution by more than 25% will reduce extended life performance.

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