



Delo[®] XLC PG Antifreeze/ Coolant Concentrate

High performance extended life antifreeze/coolant

(Supersedes Havoline Extended Life Coolant Concentrate - PG)

Product description

Delo XLC PG Antifreeze/Coolant Concentrate is a high performance extended life antifreeze/coolant designed to offer reliable system boiling, freezing and corrosion protection, including high temperature corrosion resistance in modern aluminium engines.

Delo XLC PG Antifreeze/Coolant Concentrate is propylene glycol-based, and is formulated in combination with advanced technology non-depleting corrosion inhibitors. It is designed to offer long, low-maintenance service, and is available in concentrate form. The concentrate should be mixed with the appropriate amount of water prior use.

Customer benefits

- Advanced non-depleting corrosion inhibitor technology promotes extended low maintenance service life and system uptime
- Mixed fleet applications offer at least 650,000 km in trucks and buses and 32,000 hours in stationary engines
- Promotes reliability and corrosion protection in thermostats, radiators, water pumps and other vulnerable cooling system components
- High performance silicate- and phosphate-free formulation contributes to reliable hard water stability
- Formulated with a non-toxic base fluid, this product is not hazardous to humans or the environment

Product highlights

- **Offers extended low maintenance service life**
- **Mixed fleet applications**
- **Promotes component protection and reliability**
- **Hard water stability**
- **Aids high temperature aluminium corrosion protection**

Applications

- Delo XLC PG Antifreeze/Coolant Concentrate is recommended for use in heavy-duty and stationary engines that require high performance heat transfer capability, cavitation resistance and long-life cooling system protection
- This product is not to be used to protect the inside of potable water systems against freezing

Approvals, performance and recommendations

Recommendations

- It is recommended not to dilute this product with other coolant formulations by more than 25% in order to maintain performance claims.

Product maintenance and handling

- Delo XLC PG Antifreeze/Coolant Concentrate should be stored at above -20°C and preferably at ambient temperatures. Periods of exposure to temperatures above +35°C should be minimised
- It is strongly advised not to expose Delo XLC PG Antifreeze/Coolant Concentrate in translucent packages to direct sunlight because this can result in discoloration over time
- Delo XLC PG Antifreeze/Coolant Concentrate should be diluted before use. Concentrations greater than 67% and lower than 33% are not recommended
- As with any antifreeze coolant, the use of galvanized steel is not recommended for pipes or any other part of the storage/mixing installation
- Delo XLC PG Antifreeze/Coolant Concentrate has a storage shelf life of up to 8 years, provided the container remains sealed
- Always dispose of used coolant in accordance with all local, state and federal guidelines

Typical test data		
Test	Test Methods	Results
Dilution		Concentrate
Shelf Life: 96 months from date of filling indicated on the product label.		
Density at 20°C, Kg/L	ASTM 1122	1.042
Freezing point at 50vol%, °C	ASTM D1177	-32
Boiling point, °C	ASTM D1120	162
pH at 20°C at 50vol%	ASTM D1287	8.8
Reserve alkalinity, mL 0.1N HCl	ASTM D1121	5.7
ASTM D1384 Glassware Corrosion Test ⁽¹⁾		
Copper, Weight loss, mg/coupon ⁽²⁾	ASTM D1384	1
Solder, Weight loss, mg/coupon ⁽²⁾	ASTM D1384	3
Brass, Weight loss, mg/coupon ⁽²⁾	ASTM D1384	1
Steel, Weight loss, mg/coupon ⁽²⁾	ASTM D1384	0
Cast iron, Weight loss, mg/coupon ⁽²⁾	ASTM D1384	-1
Aluminium, Weight loss, mg/coupon ⁽²⁾	ASTM D1384	-1
ASTM D4340 Aluminium Heat Rejection Test ⁽³⁾		
Aluminium, Weight loss, mg/cm ² /week ⁽²⁾	ASTM D4340	< 0.2

(1) Data generated on a 33vol% dilution as per the method

(2) Negative sign indicates a weight gain

(3) Data generated on a 25vol% dilution as per the method

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.

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.

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