

COOLYX ELC

Long life OAT pre-mixed coolant, antifreeze and corrosion inhibitor

COOLYX ELC is a high performance OAT pre-mixed coolant, anti-freeze and corrosion inhibitor, designed to contribute to long-term coolant system protection in gasoline, light and heavy-duty diesel engines.

Based on patented silicate-free aliphatic additive technology, COOLYX ELC provides long-life corrosion protection for all engine metals, including aluminium and ferrous alloys.

The inhibitor package of COOLYX ELC offers excellent cavitation protection even without using nitrite or nitrite-based supplemental coolant additives (SCA's).

Benefits

- Advanced patented organic corrosion inhibitors help protect metal components in cooling systems, including aluminium, iron, steel, copper, and solder alloys
- Designed to deliver selective corrosion protection where it is needed, helping reduce inhibitor depletion and increase service life
- Very low depletion rate corrosion inhibitor contributes to long term corrosion protection under a wide variety of operating situations and reduces to need for a regular inhibitor level tests
- Advanced technology removing the need for supplementary additives for wet liner cavitation erosion protection and assisting in protecting aluminium components in heat transfer conditions
- Low level abrasive dissolved solids contribute to increased water pump seal protection

Applications

- Passenger car gasoline and diesel engines
- Light-duty commercial vehicle gasoline and diesel engines
- Heavy-duty diesel engines fitted with wet or dry liners, in both on- and off- highway service
- High temperature aluminium engine blocks

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High Performance pre-mixed coolant, anti freeze and corrosion inhibitor

Specifications

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Meets the following performance requirements:

ASTM D3306	✓
ASTM D4340	✓
Caterpillar EC-1	✓
KOMATSU KES 07.892.1	✓
MAN 324 type SNF	✓
Mitsubishi MHI	✓
General Motors GM 6277M	✓
Mercedes-Benz 325.3	✓
Ford WSS-M97B44-D	✓
Volvo Trucks (North America)	✓
Meets phosphate-free requirements of European manufacturers	✓
Meets silicate-free requirements of Japanese manufacturers	✓

Typical properties

Test parameters	Method	
Appearance	-	clear liquid
Color	-	yellow
Specific gravity at 20°C	ASTM D 5931	1,068
Freezing point, °C	ASTM D3321	- 37
pH	ASTM D 1287	8.6
Nitrate, Amine, Phosphate, Borate content	-	Nil
Silicate content, as Na ₂ SiO ₃	-	Nil

Above characteristics are mean values given as information. They do not constitute a specification.

Health and safety

This product is unlikely to produce any significant health or safety hazard when used in the application it has been designed for and according to the recommendations provided in the Material Safety Data Sheet.

MSDS are available upon request through your sales advisor.