



PRODUCT INFORMATION & DATA SHEET

HEAVY DUTY EXTENDED LIFE (ELC) ANTIFREEZE COOLANT

A Nitrite-Free Extended Life Antifreeze Coolant (ELC) designed with the combination of ethylene glycol and OAT (Organic Acid Technology) and long-lasting corrosion inhibitors meeting all challenging demands of today's heavy-duty diesel engines, including those with EGR (Exhaust gas recirculation). The formulation of this product is capable of extending the protection of boil-over, freezing, sludge, limescale and cavitation corrosion up to 6 years or 600,000 miles of normal to extreme-duty operation without the need for extender.

Performance levels

ASTM D3306/ D6210, Case New Holland CNH, Chrysler MS-12106, Cummins CES 14603/14439, Daimler DBL 7700, DDC DFS 93K217-ELC, Deutz DQC CB-14, Ford WSS-M97B44-D/M97B57-A1/M97B57-A2, GM 1825M/1899M, Isuzu, JIS K2234, John Deere, Komatsu, Mack, MAN 324 SNF, MTU, SAE J1034/J814, Scania, Paccar, Volvo Construction Machines, Volvo Penta, Volvo Trucks, VW Trucks

Benefits

- Effectively prevent cavitation and hard water scale deposits throughout the designated interval.
- Excellent corrosion protection of any kind of alloy steel, cast iron, brass and copper components.
- Excellent foam resistance with very good heat conductivity properties.
- Guarantees stability of fluid qualities throughout the whole service life regardless of operating conditions.
- It is neutral to rubber hoses, pumps and other sealing materials.
- NAP-Free formulation free from amines, phosphates and silicates.
- Non-depleting OAT (Organic Acid Technology) consistently protects against boil-over and freezing.
- Recommended for extended protection without supplemental antifreeze coolant additive treatments.
- The exceptionally long service life is not less than six (6) years in all light and heavy-duty trucks.

Areas of application

Recommended for radiator systems (especially with aluminum components) in the latest generation light- and heavy-duty trucks, buses, working machines and boats requiring any of the specification of this product. Well suitable for long service interval up to 6 years and/or 600,000 miles without extender due to the unique extended life organic (OAT) formulation.

Service recommendation

Ready-to use without the need of adding water. Refers to manufacturer's recommendation of volume and drain interval. This product is miscible with all ethylene glycol-based coolants of this specification.

Typical properties

Fluid Colour		Red
Density at 20 °C; kg/m ³	ASTM D1121	1,055.00
PH Value	ASTM D1287	9.0
Freezing Point; °F (°C)	ASTM D1177	-34 (-37)
Cavitation erosion-rate; min	ASTM D2809	8.0
Shelf life (sealed container)		48 months

Product availability

This product may not be available locally. Contact your local distributor.

The information show herein is subject to change without noticed. The product indicated here have been developed by PRINCE LUBRICANTS for use in the areas of applications shown. We reserve all right to alter the characteristics and product properties to align with continually technical development.