

Coolant Long Life Red 50

Coolant Long Life Red 50 is a premium ethylene glycol-based coolant supplied as a ready-to-use premix, designed to deliver dependable anti-freeze and anti-boil protection across a wide range of automotive and industrial engine applications. Formulated with advanced organic acid technology (OAT) corrosion inhibitors, it provides long-lasting protection against rust, corrosion and scale formation, supporting efficient heat transfer and maintaining stable operating temperatures under both light and heavy-duty operating conditions.

Prepared for immediate use, this silicate-free formulation ensures accurate dilution and consistent system protection without the need for on-site mixing. It helps maintain cooling system cleanliness by minimising deposit formation and supporting extended service life, with protection of up to 400,000 km or 5 years in light-duty applications and up to 500,000 km or 7 years in heavy-duty operations. Suitable for use in ferrous and aluminium alloy engines across automotive, diesel, natural gas and stationary applications, **Coolant Long Life Red 50** meets a wide range of OEM and industry specifications.

Advantages & Benefits

- Ready-to-use formulation ensures correct dilution and ease of application
- Provides long-term protection against corrosion, rust and scale formation
- Supports efficient heat transfer and stable engine temperatures
- Helps maintain clean cooling systems by reducing deposit build-up
- Delivers extended service intervals across light and heavy-duty applications

Typical Characteristics:

Properties	Method	Unit	Value
pH Value	ASTM D1287		8-8.5
Appearance			Red
Freezing Point @ 50%	ASTM D1177	°C	-36
Foaming	ASTM D1881	ml/s	<100/<5
Density @ 15°C	ASTM D4502	g/ml	1.05



PHOENIX®



SYNFORCE

Package Sizes:

- 1000L
- 200L
- 20L
- 5L

Meets the following specifications:

- ASTM D3306, D4656
- MAN 324 (Diesel Engines)
- ASTM D4985, D5345
- ASTM D6210 VOLVO
- Scania (Tech Info.TI02-98)
- BS 6580 (British Standard)
- Mercedes-Benz Sheet 325.3
- UNE 26-361-88/1
- Mack-RVI
- FVV Heft R443 (Germany)
- Caterpillar EC-1
- NATO S-757
- Cummins 90 T8-4
- BT-PS-606A (MIL-Belgium)
- Detroit Diesel/Perkins
- E/L-1415b (MIL-Italy)
- Komatsu
- SAE J1034
- General Motors GM 6277M
- JIS K2234 (Japan) LLC
- General Motors GM 1899M
- JASO M325 (Japan) LLC
- Ford WSS-M97B44-D
- BR 637
- Volkswagen VW TL774D
- DCEA 615 (MIL-France)
- Audi/SEAT/Skoda
- FSD 8704 (MIL-Sweden)
- ISUZU
- BMW N600 69.0
- Navistar
- SAAB
- Mitsubishi ES-X64216
- DAF-Leyland 74001
- Honda
- Mazda MES 121C
- Hyundai
- Toyota TS K2601 G
- Daihatsu
- Subaru
- ESE-M97B44-A