

Coolant Long Life Red 100

Coolant Long Life Red 100 is a premium ethylene glycol-based coolant concentrate engineered to deliver reliable 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-term protection against rust, corrosion and scale formation, supporting efficient heat transfer and helping to maintain consistent operating temperatures under both light and heavy-duty conditions.

Developed for use in modern cooling systems utilising ferrous and aluminium components, this silicate-free formulation helps maintain system cleanliness by limiting deposit formation and reducing inhibitor depletion over extended service intervals. When mixed with demineralised water to the recommended ratio, it delivers stable thermal performance and dependable protection across varying climates and operating environments. Suitable for automotive, heavy-duty diesel, natural gas and stationary engines, **Coolant Long Life Red 100** meets the requirements of a wide range of OEM and industry specifications.

Advantages & Benefits:

- Provides long-term protection against corrosion, rust and scale formation
- Supports efficient heat transfer and stable operating temperatures
- Helps maintain clean cooling systems by reducing deposit build-up
- Delivers reliable performance across a wide range of engines
- Supports extended service intervals when properly maintained

Typical Characteristics:

Properties	Method	Unit	Value
pH Value	ASTM D1287		8.5
Appearance			Red
Boiling Point	ASTM D1120	°C	>183
Freezing Point @ 50%	ASTM D1177	°C	-36
Foaming	ASTM D1881	mL/<5s	100
Miscibility with Water			Freely Miscible
Density @ 15°C	ASTM D4502	g/ml	1.11



PHOENIX®



SYNFORCE

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

Package Sizes:

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