

Coolant ELC Red 100

Coolant ELC Red 100 is an extended-life ethylene glycol-based coolant concentrate engineered to deliver long-term protection across a wide range of heavy-duty and automotive engine applications. Formulated with advanced organic acid and hybrid organic acid technology (OAT/H-OAT) corrosion inhibitors, it provides durable protection against rust, corrosion and scale formation, while supporting efficient heat transfer and stable engine operating temperatures under demanding service conditions.

Developed for extended service intervals and reduced maintenance requirements, this silicate-free formulation helps maintain system cleanliness by minimising inhibitor depletion and deposit formation over time. Compatible with ferrous and aluminium components, it delivers reliable performance across petrol, diesel and natural gas engines in both mobile and stationary equipment. When diluted to the recommended ratio, **Coolant ELC Red 100** provides consistent thermal control and long-life protection, supporting service intervals of up to 300,000 km in appropriate applications.

Advantages & Benefits:

- Provides extended service life with long-term corrosion protection
- Supports efficient heat transfer and stable operating temperatures
- Helps reduce deposit formation for improved system cleanliness
- Suitable for a wide range of engine types and operating conditions
- Assists in reducing maintenance frequency and downtime

Typical Characteristics:

Properties	Method	Unit	Value
pH Value	ASTM D1287		8.5
Appearance			Red
Boiling Point	ASTM D1120	°C	>160
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	1.15



PHOENIX®



SYNFORCE

Meets the following specifications:

- A Caterpillar EC-1
- Chrysler MS-7170
- Chrysler MS-9769
- Cummins
- Detroit 7SE-298
- Ford ESE M97-B44D
- Ford M97-B18-D
- Ford M97-B44-A
- Ford M97-B51-A
- Freightliner 48-2288D
- GM 1825M
- GM 1899M
- GM Heavy Truck
- Hyundai
- Isuzu (GM6277M)
- JASO M325 (Japan)
- JIS K2234 (Japan)
- Kenworth R026-170-97
- Komatsu KES 07.892
- KSM 2142 (Korea)
- Land Rover
- Liebherr MD 1-36-130
- Mack 014 GS 17009
- MAN 324
- MTU MTL 5048
- Navistar B1 Type III
- PACCAR
- Perkins
- SAE J1034
- SAE J1941
- Scania
- TMC RP 329
- TMC RP 302
- US Federal A-A-870-A
- Volvo Heavy Truck (approved)
- Volvo VCS
- White Star

Package Sizes:

- 1000L
- 200L
- 20L