

Revolution Oil

A New Generation of Lubricants

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Technical Data Sheet

Red Long Life Antifreeze



Red Long Life Antifreeze

Antifreeze

Description

Red Antifreeze Long Life is an ethylene glycol based engine coolant concentrate, which uses Organic Acid Inhibitor Technology and is free from nitrites, amines, phosphates, borates and silicates. BTC Classification Type 4E. Fleet trials have shown that when used at the correct concentration coolants based on Organic Acid Inhibitor Technology continues to provide effective corrosion protection for up to 250,000 km for passenger cars and 500,000km in commercial vehicles. It is recommended that the coolant is replaced when the above mileages have been reached or after 5 years which ever is the sooner. Unlike traditional coolants which employ inorganic inhibitors, this antifreeze has excellent hard water stability and very low inhibitor depletion rates.

Performance Level

- ASTM D3306
- ASTM D 4985
- SAE J 1034
- BS 6580 (2010)
- AFNOR NF R15-601 *
- FFV Heft R443
- CUNA NC 956-16
- UNE 26361 - 88
- JIS K 2234 *
- NATO S 759

(* with the exception of reserve alkalinity)

It also meets the performance requirements of the following OEM specifications:

- Chrysler MS 9176
- Cummins 85T8-2 & 90T8-4
- Ford ESE M97B49-A, WSS-M97B44-D &ESD M97 B49-A
- GM 1899 M, US 6277 M & OPEL GM QL130100
- John Deere H 24 B1 & C1
- Leyland Trucks LTS 22 AF 10
- Mack 014GS 17004

- MAN 248, 324 (SNF) & B&W D 36 5600
- Mercedes MB 325.3
- Renault 41-01-001 - D
- VAG TL 774 D/F
- VOLVO

Benefits

- Protects against freezing in correct dilution strength.
- Provides year round corrosion protection to all metal components in cooling systems

Typical Inspection Data

	Method	
Appearance	Visual	Red
Specific Gravity 15 degrees centigrade	ASTM D 4052	1.119
Boiling Point degrees centigrade	ASTM D 1120	169
Freezing Point degrees centigrade	ASTM D 1177	-40
(50% dilution by volume)		
PH (50% volume)	ASTM D 1287	8.2
Reserve Alkalinity 0.1 NHCl	ASTM D 1121	5.6
Water Content	ASTM D 1123	4
Foaming Properties	ASTM D 1881	50 (vol ml)1 (break)

Dilution Strength Freezing Point

25%	-12 degrees centigrade
33%	-22 degrees centigrade
50%	-40 degrees centigrade
60%	-56 degrees centigrade

In line with our policy of continued improvement, Revolution Oil Ltd reserves the right to change specification and availability without prior notice. E and O E.