

LSA COOLANT 50 LONG-LIFE

LSA COOLANT 50 LONG-LIFE is a ready to use premixed anti-freeze anti-boil coolant that contains 522gm/L (46 %) ethylene glycol, incorporating an advanced formula technology with virtually non-depleting organic acid corrosion inhibitors (organic additive technology - OAT). It is silicate free and recommended as coolant for use in ferrous and aluminium alloy petrol powered automotive engines, heavy duty diesel and natural gas, mobile and stationary engines.

LSA COOLANT 50 LONG-LIFE is compatible with aluminium, copper and brass cooling systems.

With the combination of organic carboxylate inhibitors gives excellent protection against cast iron cylinder liner and block pitting and cavitation, corrosion/erosion.

It lasts up to 3 times longer than conventional coolants, and reduces coolant cost up to 60%.

LSA COOLANT 50 LONG-LIFE contains ethylene glycol and is poisonous if swallowed.

Meets or is suitable for the performance requirements of the following engine coolant specifications.

AS 2108.1:2004 Type A
ASTM D 3306 & D 4656
ASTM D 6210-10, D 7583
SAE J1034, J1941
BS 6580
Caterpillar
Cummins
DAF-Leyland 74002
Daimler Chrysler MS7170, MS9769
Detroit Diesel 7SE298
Ford ESE M97B44-A, WSS-M97B44-D
Ford WSS-M97B51-A1
Freightliner 48-2288D
GM 1825M / 1899M (Heavy Duty Truck), GM 6277M
International CEMS B-1
JIS K2234 (Japan) LLC
Kenworth R026-170-97

Mack D4985, Heavy Truck
Mack E7
MAN Diesel 324
Massey Ferguson D4985, D3306
Mazda FL22
Mercedes-Benz 325.2
Mitsubishi
MTU MTL 5048
New Holland WSN-M97B18-D
Nissan D3306, D4985
Scania TB1451
Perkins D4985, D3306
Toyota
Volvo (UK) Heavy Truck, VCS
VW/Audi

ADVANTAGES

- Recommended for passenger car & light duty commercial vehicles for 5 years or 200,000kms, and heavy duty engines for 1,000,000kms, 12000hrs or 6 years, whichever comes first.
- Silicate free promoting optimum operating life and reliability of water pumps.
- Maximises protection of all metals commonly found in the engine cooling systems.
- Excellent protection from cavitation, liner pitting, rust, scale and deposit formation.
- Keeps engines at optimum operating temperatures contributing to improved fuel economy.
- Formulated, tested and manufactured in Australia for Australian conditions.

It is the responsibility of the end user to use this product in accordance with Engine Manufacturer recommendations.

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(continued)

LSA COOLANT 50 LONG-LIFE physical and chemical properties

Test	Test Method	Performance
Colour		Flourescent Green
pH (50% in distilled water)	ASTM D 1287	8.4
Reserve Alkalinity, ml (ph5.5)	ASTM D 1121	1.8
Specific Gravity (20°C)	ASTM D 1122	1.07
Boiling Point (50% v/v)	ASTM D 1120	Max 130°C
Freeze Point (50% v/v)	ASTM D 1177	< -37°C
Foaming Properties - Volume (ml)	ASTM D 1881	50 max.
Foaming Properties - Break time (sec.) (5 min boiling)	ASTM D 1881	5 max.
Flash Point (open cup)	ASTM D92	118°C
Ash Content (% wt)	ASTM D 1119	0.4.
Total Glycol Content - % vol.		Max 46.7 %
Bittering Agent – ppm		5 ppm
Chloride – ppm		< 10 ppm
Corrosion	ASTM D 3306	Passes Tests
Odour		Slight
Effect on Paint & Organic Materials		None
Amines/Borates/Nitrates/Phosphates/Silicates/Nitrites		None

Package sizes

1000 litre

200 litre

20 litre

The information contained herein is accurate at the time of this review. However specifications change from time to time. Ensure specifications meet equipment manufacture requirements.