

LSA COOLANT ELC 50

LSA COOLANT ELC 50 is a ready to use extended life, premixed anti-freeze anti-boil coolant that contains 522gm/L (46%) ethylene glycol, incorporating an advanced formula technology with virtually non-depleting organic acid technology (OAT) corrosion inhibitors. 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 ELC 50 gives maximum protection to aluminium, copper, brass, steel, cast iron and solder in cooling systems.

With the combination of organic mono and dicarboxylate 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%. 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.

LSA COOLANT ELC 50 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 (and D4656)
ASTM D 4985 (and D5345)
ASTM D 6210
SAE J1034
Audi/SEAT/Skoda
BMW N600 69.0
BR 637
BS 6580 (British Standard)
BT-PS-606A (MIL Belgium)
Caterpillar EC-1
Cummins 90 t8 4
DAF-Leyland 74001

Daihatsu
DCEA 615 (MIL France)
Detroit Diesel
E/L-1415b (MIL Italy)
Ford WSS-M97B44-C
FVV Heft R443 (Germany)
FSD A-A-870A (MIL Sweden)
General Motors GM 1899M, 6277M
Honda
Hyundai
Isuzu
JASO M325 (Japan) LLC
JIS K2234 (Japan) LLC
John Deere JDM HD 24
Komatsu
Mack – RVI
MAN 324
Massey Ferguson
Mazda MES MN 121C
Mercedes-Benz DBL 325.3
Mitsubishi ES-X64216
MTU
NATO S-757
Navistar
Perkins
Renault Type D & P
Saab
Scania (TI 02-98)
Subaru
Toyota TS K2601 G
UNE 26-361-88/1
Volvo Heavy Truck
VW TL 774D
Waukensha Forum 6274

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

LSA COOLANT ELC 50 (continued)

LSA COOLANT ELC 50 Physical and Chemical Properties

Test	Test Method	Performance
Colour		Red
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	ASTM D 1120	Max 130°C
Freeze Point	ASTM D 1177	Min -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	ASTM D 92	118°C min.
Ash Content (% wt)	ASTM D 1119	0.4
Nitrite	> 500 ppm	
Tolyltriazole	> 900 ppm	
Total Glycol Content		Min 46.7%
Bittering Agent – ppm		5 ppm
Chlorine – ppm		< 10 ppm
Corrosion	ASTM D 3306	Passes Tests
Odour		Slight
Effect on Paint & Organic Materials		None
Amines/Borates/Nitrates/ Phosphates/Silicates		None

Package Sizes

- 1000 litre**
- 200 litre (Steel Drums)**
- 20 litre (Plastic Drums)**

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.