

## LONG LIFE COOLANT 50

**LONG LIFE COOLANT** is a ready to use product based on OAT (Organic Acid Technology) formulated to provide long life protection to all liquid cooled internal combustion engines. Long Life Coolant is significantly more durable than conventional coolants & it contains no phosphates, borates, nitrates, or silicates. Long Life Coolant is an ethylene glycol-based formulation (50% concentration) suitable for passenger cars, light trucks, and heavy-duty commercial vehicles in all industries including Transport, Marine, Earthmoving and Mining.

Long Life Coolant <sup>TM</sup> meets and/or exceeds the following standards:

ASTM D 3306 ,ASTM D 4985 ,AS 2108-2004,BS 6580:2010,CUNA NC 956-16,AFNOR NFR 15-601,ONORM V 5123, JIS K K 2234:2006,SAE J 1034,SANS 1251:2005 and China GB 29743-2013

### PRODUCT HIGHLIGHTS

- Long Life Coolant 50 is based on OAT technology which offers superior engine protection for up to 5 years or 600,000 km
- Long Life Coolant 50 prevents wet liner cavitations erosion, and provides exceptional protection to aluminum surfaces
- Long Life Coolant 50 is free of silicate, nitrites, amines, phosphates and borates, which protects engines against corrosion and deposits in the cooling system with its vital parts, coolant channels in the block and cylinder head, the radiator and water pump.
- Long Life Coolant <sup>TM</sup> offers corrosion protection in cooling systems containing metals such as copper, solder, brass, steel, cast iron, and aluminum
- Long Life Coolant <sup>TM</sup> reduces maintenance costs since it is fully formulated - no additional SCA's required at initial fill or top-up



## PRODUCT DATA SHEET

### KEYS AND FEATURES

- Formulated to meet various international standards.
- Ready to use
- Based on innovative OAT formula.
- Long Life Coolant 50 is formulated to meet or exceed the performance requirements of the following antifreeze specification and/or recommended practices:

➤ Audi/Seat/Skoda/VW	TL 774-D/F
➤ Bentley / Lamborghini	TL 774-F
➤ DAF	MAT- 74002
➤ Daimaler/Mercedez Benz	MB Approval 325.3
➤ Deutz	DQC CB 14
➤ Ferrari	MY 2010
➤ MAN	MAN 324 Type SNF
➤ Mini Cooper D	MY2007 to MY 2011
➤ MTU	MTL 5048
➤ Porsche	MY 1996 to MY2009

### TYPICAL CHARACTERISTICS\*

	TYPICAL VALUES
Colour	Red
Density (20°C)	1 - 1.13
Glycols mass %	50.8
Freezing Point	- 42 C
pH	8.2-8.6
Code	<b><u>5901</u></b>



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### GLASSWARE CORROSION TEST ASTM D 1384

METAL COUPONS	TYPICAL WEIGHT CHANGE mg/coupon	ASTEM D 3306 limit mg/coupon
Copper	-0.8	10 max
Solder	-1.2	30 max
Brass	-0.9	10 max
Steel	0.1	10 max
Cast iron	1.3	10 max
Cast aluminum	-4.0	30 max

\*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

