# **Technical** Data Sheet

# **SAR** Lubricants

### Last Updated: 13.06.2016 Code: AF0560

**ENDURANCE LONG LIFE ANTIFREEZE** is an ethylene glycol-based engine coolant concentrate. The modern formulation utilises Organic Acid Inhibitor Technology and is free from nitrites, amines, phosphates, borates and silicates.

#### APPLICATION

Endurance Long Life Antifreeze is designed to operate in coolant systems in passenger cars, light and heavy commercial vehicles as well as off-highway plant. When used at the recommended concentrations, the OAT formulation provides effective corrosion protection for up to 250,000km (over 150,000 miles) in passenger cars and up to 500,000km (over 300,000 miles) in commercial vehicles, or up to 5 years whichever is the sooner. A 50% dilution rate is recommended in the absence of advice from the OEM.

#### **BENEFITS**

- Protects from frost damage down to -40°C at 50% of total coolant volume.
- Exceptional corrosion protection giving extended life of up to 5 years.
- Free from nitrites, amines, phosphates, borates and silicates in accordance with many OEM requirements.

PERFORMANCE PROFILE - Meets the requirements of the following standards and specifications:-

- BS 6580:2010
- ASTM D4985, D3306
- Chrysler MS 9176
- Cummins 85T8-2, 90T8-4
- FORD WSS-M97B44-D
- GM/Saab 6277M, 1899M
- John Deere H24 B1/C1
- Mack 014GS 17004
- MAN 248, 324 Type SNF
- Mercedes-Benz 325.3
- MTU MTL 5048
- PSA Group B71 5110

- RENAULT 41-01-001-D
- VAG G12/G12+, TL 774-D/F
- VOLVO PENTA VCS
- Suitable for use where G30, G33 and G34 specification fluids are required.

SOLUTION - % VOLUME	FREEZE POINT PROTECTION	S.G. READING
25%	-12ºC	1.030
33%	-22 <sup>0</sup> C	1.045
50%	-40°C	1.087

## TYPICAL PROPERTIES

Appearance: Red/Orange Colour

Conforms to British Standard BS 6580:2010

#### HEALTH AND SAFETY

This product has been manufactured to the highest standards and when used for the purpose recommended is unlikely to present any significant health hazards. A Safety Data Sheet is available on request.

Indicated data are approximate values and are subject to the usual commercial fluctuations. All information correct at time of going to press to the best of our knowledge. This information may be subject to change without notification due to continual product research and development.

Gill Bridge Oil Works, Lowlands Road, MIRFIELD, West Yorkshire, WF14 8LU | Tel: +44 (0)1924 494371 Fax: +44 (0)1924 498940 | Email: enquiries@sarlubricants.co.uk Registered In England: 05866783 VAT Registration No: 889171963



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