



## Product data sheet



DATA SHEET NO: 5668  
LM: 26/06/18

### PRODUCT NAME/VISCOSITIES:

## ALPINE ANTIFREEZE EXTEND - RED

### DESCRIPTION:

Alpine Antifreeze Extend is an ethylene glycol based automotive antifreeze and coolant, suitable for all year round use in the cooling systems of all internal combustion engines. Utilising OAT (Organic Acid Technology).

### Protection Level:

Alpine Antifreeze Extended – Red con.	Approx Freezing Protection
25% Vol. in water	-12°C
33% Vol. in water	-22°C
50% Vol. in water	-40°C
60% Vol. in water	-56°C

### USER BENEFITS:

- Offers protection down to -56°C and protection from corrosion for all metals found in the cooling system.
- Extra long life – up to 150,000 miles (250,000 km) in passenger cars and 300,000 miles (500,000 kms) in commercial vehicles, or 5 years whichever occurs first.
- Vastly superior corrosion protection.
- No silicates, nitrates, amines, borates or phosphates, improved stability and freedom from scale & deposits.
- The latest technology is employed to give freedom from foaming and scale build up.
- Suitable for mixed fleets.
- Best possible protection for all parts of the cooling system.
- Utilises organic acid technology to provide effective corrosion inhibition.
- Meets most European and International standards, conforms to BS 6580:2010.

### INTERNATIONAL STANDARDS

- BS 6580 (2010)
  - ASTM D3306, ASTM D4985
  - SAE J 1034
  - NATO S 759
  - FFV Heft R443
  - CUNA NC 956-16
  - UNE 26361-88
  - JIS K 2234 \*
  - AFNOR NF R15-601\*
- (\* with exception of reserve alkalinity)



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### MEETS THE REQUIREMENTS OF THE FOLLOWING OEM SPECIFICATIONS:

- Chrysler MS 9176
- Cummins CES 14603
- MAN 248, 324 (SNF) & B&W D 36 5600
- MACK 014GS 17004
- Leyland Trucks LTS 22 AF 10
- Ford ESE M97B49-A, WSS-M97B44-D & ESD M97 B49-A
- Mercedes MB 325.3
- GM 1899 M, US 6277 M, OPEL GM QL130100
- Renault 41-01-001-D
- VAG TL 774 D/F (G12/G12+)
- John Deere H 24 B1 & C1
- Volvo VCS

### TYPICAL CHARACTERISTICS:

Specific Gravity 15/15°C	1.125
PH (50% volume aqueous solution)	7.8– 8.5 at 25°C
Boiling Point °C	174
Colour	Red

### HEALTH AND SAFETY:

Health and Safety Data Sheet 5668 applies to this product. When used for the purpose recommended and with due regard to the appropriate Health and Safety Data, the product should cause no concern. If in doubt, consult with Millers Oils Technical Department.

For Technical assistance call +44 (0) 1484 475060 or email [technical@millersoils.co.uk](mailto:technical@millersoils.co.uk)



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