

# TECHNICAL DATA SHEET



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## Alpine Green Concentrate

MEG Antifreeze & Coolant with PSi-OAT Technology

### Application

A green Monoethylene Glycol (MEG) antifreeze and coolant with a combination of Phosphate Silicate technology (PSi) and Organic Acid Technology (OAT), free from borates, nitrates and amines, which exceeds most of the European and International quality standards. Suitable for use in petrol and diesel engines (including Hybrids), and will provide all year round protection for up to 5 years.

### Features & Benefits

- Excellent heat transfer characteristics provides outstanding engine cooling and component longevity.
- Lowers the freezing point of water to allow the engine to operate and protects against frost formation in cold conditions/climates.
- Wide variety of applications due corrosion protection for multi metal and alloy materials, and compatibility with rubber and plastic materials commonly found in modern cooling systems.
- Increased service life over conventional MEG products.
- Alpine Green will provide protection for up to 5 years.

### Concentration vs. Freeze Protection

Concentrate by Volume (%)	25	33	50	67
Freeze Protection (°C)	-12	-20	-40	-70

### Directions for use

Dilute with deionised or distilled water for optimum frost and heat transfer and corrosion protection in cooling systems.

### Typical Characteristics

Density @ 20°C, g/cm <sup>3</sup>	1.132
pH (50% Volume in Water)	7.9
Boiling Point, °C	170

### Performance Profile

BS 6580: 2010 (UK)  
AFNOR NF R15-601 (France)  
AS 2108 (Australia)  
ASTM D3306, D4985, D6210 (USA)  
CUNA NC 956-16 (Italy)  
FWV HEFT R443  
GB 29743 (China)  
JIS K 2234 (Japan)  
ONORM V 5123 (Austria)  
PNC 40007:2000  
SAE J 1034 (USA)  
UNE 26361-88 (Spain)

### Suitable for

BMW Group (Inc. Mini, Rolls Royce) LC-97, LC-87, LC-18, GS94000  
Chrysler/Dodge/Jeep MS-7170  
Cummins 85T8-2  
Deutz DQC CA-14, DQC CC-14  
Fiat Group (Inc. Abarth, Alfa Romeo, Ferrari, Lancia, Maserati (pre-2021)) Fiat 9.55523  
Ford ESD-M97B49-A  
General Motors GME L1301  
Iveco 18-1830  
JI Case JIC-501  
MAN 324 Typ Si-OAT evo, 324 Typ Si-OAT, 324 Type NF  
Mercedes-Benz MB 325.6, DTFR 29C120 (MB 325.5), DTFR 29C100 (MB 325.0)  
MTU MTL 5048  
Toyota 1WW/2WW (Engine)  
Volvo TR-31854114-002, VCS-2  
VW Group Inc. (Volkswagen, Audi, Bentley, Bugatti, Cupra, Lamborghini, Porsche, Seat, Skoda) TL 774-L (G12 evo), TL 774-J (G13), TL 774-G (G12++), TL 774-F (G12+), TL 774-D (G12), TL 774-C (G11)