

# Product Information: Cooltech 41 Si-OAT

## Description

Cooltech 41 Si-OAT is a high-quality antifreeze coolant concentrate. This ethylene glycol-based coolant contains a Silicated Organic Acid Technology (Si-OAT) inhibitor package and is Nitrate, Amine, Phosphate, borate free. The product provides all year-round frost and corrosion protection and exhibits excellent hard water stability and very low inhibitor depletion rates. The exceptional thermal stability eliminates the risk of deposits particularly near the cylinder head, engine block, radiator, water pump and heat exchanger. The product may be used neat as supplied for extreme use or diluted for economic use. When used neat the product provides corrosion protection up to 250,000 km for passenger vehicles and 500,000 km for trucks and commercial vehicles. The coolant should be changed when these limits are reached or after 5 years, whichever is sooner.

## Performance Features

- Outstanding protection from overheating and frost
- Protects against corrosion
- Exceptional thermal stability
- Nitrate, Amine, Phosphate (NAP) & Borate free
- Eliminates risk of deposits
- Can be diluted or used neat

## Performance Levels (Neat)

- ASTM D3306, D4985
- BS 6580:2010
- CUNA NC 956-16
- AFNOR NFR 15-601
- JIS K 2234:2206
- PN-C 40007:2000
- SAE J1034
- Audi TL-774 G
- Bentley TL-774 G
- Bugatti TL 774 G
- Cummins CES 14603
- Deutz DQC CC-14
- Lamborghini TL-774 G
- Liebherr Minimum LH-01-COL3A
- MAN 324 Typ Si-OAT
- Mercedes 325.5, 325.6
- MTU MTL 5048
- Porsche TL-774 G
- Seat TL-774 G
- Skoda TL-774 G
- Volkswagen TL-774 G

## Protection Levels

Extreme (Use Neat) -40°C  
Winter (CT 41 Si-OAT 66% / Water 33%) -22°C  
Normal (CT 41 Si-OAT 50% / Water 50%) -15°C  
Typical information, Not part of a specification

## Typical Data (As supplied neat)

Characteristic	Unit	Result
Appearance @ 20°C	-	Pink
Relative Density @ 15.5°C	kg/l	1.065
Freezing Point	°C	-40
Boiling Point	°C	+108 min
pH	-	7.5

Figures are based on average production values and do not represent a specification, Certificate of Analysis available on request.