

Product Information: Cooltech 41 HD

Description

Cooltech 41 HD is a high-quality antifreeze coolant which is primarily intended for use in heavy duty, commercial, off-highway and agricultural applications, but is suitable for many liquid cooled petrol or diesel engines, offering a long-life and cost effective coolant solution for mixed fleet operations.

This ethylene glycol-based coolant contains an Organic Acid Technology (OAT) inhibitor package and is Nitrate, Amine, Phosphate, borate free. The product provides all year-round frost and corrosion protection and is particularly suited to engines equipped with cooled exhaust gas recirculation (EGR) and eliminates the risk of deposits particularly near the cylinder head, engine block, radiator, water-pump and heat exchanger.

The product safely protects wet cylinder liners and sleeves from cavitation and pitting, avoiding costly downtime and repairs, exceptional thermal oxidative stability can be expected, with either zero or minimal material mass losses to copper, solder, brass, steel, cast iron and aluminium components operating under aggressive thermal conditions. The product may be used neat as supplied for extreme use or diluted for economic use.

Performance Features

- 6 Year / 6000 hour service life in heavy duty equipment
- Outstanding protection from overheating and frost
- Protects wet cylinder liners and sleeves
- Protects against corrosion
- Exceptional thermal stability
- Nitrate, Amine, Phosphate and borate free
- Eliminates risk of deposits
- Contains a bittering agent
- Can be diluted or used neat

Protection Levels

Extreme (Use Neat) -37°C

Normal (CT 41 HD 66% / Water 33%) -19°C

Use neat for wet cylinder liner & sleeve protection

Typical Data (As supplied neat)

Characteristic	Unit	Result
Appearance @ 20°C	-	Clear Yellow Fluid
Relative Density @ 15.5°C	kg/l	1.069
Freezing Point (Neat)	°C	-37
Boiling Point (Neat)	°C	+109
pH	-	8.6

Performance Levels (Neat)

ASTM D3306, D4985
BS6580:2010
CUNA NC 956-16
AFNOR NFR 15-601
SAE J1034
VAG TL 774 D/F
John Deere H 24 B2 & C2
Volvo VCS
MTU MTL 5048
Ford ESD M97B49-A, WSS-M97B44-D
Renault 41-01-001
Mercedes 325.3
Chrysler MS 9176
Cummins CES 14603
MAN 248, 324 (SNF) & B&W 26 5600
Leyland LTS 22 AF 10
Scania TB 1451

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