



Product Information:

# ULTRALIFE 1

## ORGANIC ACID TECHNOLOGY ANTIFREEZE

### PETROL/DIESEL/HEAVY DUTY DIESEL ANTIFREEZE COOLANT

#### Description:

Ultralife 1 is ethylene glycol based antifreeze, which uses Organic Acid Technology and is free from nitrites, amines, phosphates, borates, silicates and 2-EHA.. The product will protect all engines from frost damage right down to -40°C (at 50% of total coolant volume). It also provides outstanding protection against rust and corrosion for all parts of the cooling system and is therefore recommended for all year round use. Ultralife 1 can be used for up to 5 years in internal combustion engines, petrol, diesel or heavy duty diesel.

#### Applications

Ultralife 1 is suitable for the cooling systems of modern engines in passenger car, trucks, agricultural and contractors plant, where an OAT antifreeze is demanded by the following OEMs:

#### Performance

##### Meets the requirements of the following

##### International Standards:

ASTM D3306  
ASTM D4985  
SAE J 1034  
BS 6580 (2010)

Claas  
John Deere  
Voith  
Alstom  
Aston Martin  
CNH Industrial  
Detroit  
Evobus  
Freightliner  
MB 325.3  
Deutz DQC CB-14  
Ford WSS-M97B44-D  
GM GMW 3420  
Great Wall Motors  
Hitachi  
Thermo King  
Kobelco  
Komatsu 07.892 (2017)  
Behr

Mitsubishi  
Abarth  
Alfa Romeo  
Chrysler  
Dodge  
Fiat 9.55523  
Jeep  
Maserati  
Opel GMW 3420  
Vauxhall GMW 3420  
Suzuki Santana Motors  
Tata  
Vestas  
VW TL-774 D  
VW TL-774 F  
MAN 324 Typ SNF  
VW 61-0-0257  
Yanmar  
ZF

##### Meets the performance requirements of the following OEM specifications:

Isuzu UD Trucks  
DAF  
Leyland Trucks  
Jaquar / Land Rover STJLR.03.5212  
Mack VCS-2 (STD 418-0007)  
Renault VCS-2 (STD 418-0007)  
Volvo VCS-2 (STD 418-0007)  
Volvo Construction VCS-2 (STD 418-0007)  
Volvo Penta VCS-2 (STD 418-0007)  
Volvo Trucks VCS-2 (STD 418-0007)  
Caterpillar / Perkins

Solution % Vol.	Freezing Point °C
33	-18
50	-38

#### Physical Characteristics

Appearance		Clear Dark Orange
Relative Density @ 15°C	ASTM D5931	1.124
Equilibrium Reflux Boiling Point (°C)	ASTM D1120	>163
pH @ 20°C	ASTM D1287	8.6
Water Content (%w/w)	ASTM D1123	4.0
Reserve Alkalinity	ASTM D1121	6.4

Figures based on average production values.

Part No.s UL0005, UL0020, UL0205

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