



Product Information:  
**ULTRALIFE HD (Yellow)**  
**ORGANIC ACID TECHNOLOGY ANTIFREEZE**

**Description:**

Ultralife HD is ethylene glycol based antifreeze, which uses Organic Acid Technology and is free from nitrites, amines, phosphates, borates and silicates. 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 HD can be used for up to 5 years or 500,000km in commercial vehicles, depending which is reached first.

**Applications**

Ultralife HD is suitable for the cooling systems of modern engines in trucks, agricultural and contractors plant, where an OAT antifreeze is recommended.

**Performance**

**Meets the requirements of the following International Standards:**

ASTM D3306  
 ASTM D 4985  
 SAE J 1034  
 BS 6580 (2010)

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

Cummins CES 14603  
 John Deere H 24 B1 & C1  
 Leyland Trucks LTS 22 AF 10  
 Mack 014GS 17004  
 MAN 248, 324 (SNF) & B&W D 36 5600  
 Mercedes MB 325.3,  
 Renault 41-01-001 - D  
 VOLVO VCS STD 418-0001  
 Scania TB 1451  
 DAF 74002

Solution % Vol.	Freezing Point °C	SG Reading
25	-12	1.040
33	-20	1.055
40	-27	1.073
50	-40	1.086

**Physical Characteristics**

Appearance	Clear yellow liquid
Relative Density @ 15°C	1.125
Equilibrium Reflux Boiling Point (°C)	174
pH @ 25 °C (50% vol.)	8.0
Water Content (%)	3.0
Reserve Alkalinity 0.1N HCl	7.5

Figures based on average production values.

Part No.s ULY005, ULY020, ULY205

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