



# Opticool Antifreeze HD (Green)

Monoethylene glycol based antifreeze concentrate

Product code: D027

## Product Description:

Opticool Antifreeze HD (Green) is a monoethylene glycol based engine coolant concentrate formulated for optimum performance in heavy duty diesel engine applications but equally suitable for light duty use. It employs established inhibitor technology and is phosphate and amine free. BTC Classification Type 3EN.

The inhibitors in Opticool Antifreeze HD (Green) include organic acids in combination with borate, silicate and nitrite which are well known for their ability to provide excellent protection in heavy duty applications particularly where there is potential for cavitation erosion-corrosion to occur.

Opticool Antifreeze HD (Green) uses sophisticated silicate stabilisation technology to eliminate the potential for formation of silicate gel often observed with inferior products whilst other additives ensure good compatibility with hard water and prevent the formation of scale that can result from use of hard water.

## Application:

Opticool Antifreeze HD (Green) is formulated primarily for use in heavy duty diesel engine applications but is equally suitable for light duty use.

## Recommended Dilutions:

Concentration (by volume)	25%	33%	40%	50%	60%
Specific Gravity @ 20°C	1.030	1.045	1.060	1.074	1.087
Freeze Protection (°C)*	- 12	- 22	- 27	- 40	- 56

\*Average of freezing point and pour point.

## Product Specification:

**Opticool Antifreeze HD (Green) exceeds the requirements of the following European & International Standards:**

ASTM D3306      ASTM D4985      ASTM D6210      SAE J1034  
BS 6580 (2010)      AFNOR NF R15-601      JIS K2234

**Opticool Antifreeze HD (Green) meets the requirements of the following vehicle/engine manufacturers' OEM specifications:**

MAN 324      Cummins CES14603      Leyland      Fiat / Iveco  
BR 637      Perkins      John Deere

Opticool Antifreeze HD can be used where Glysantin® G05 was originally recommended.