



TECHNICAL DATA SHEET

ANTIFREEZE LONGLIFE HD GREEN

Monoethylene glycol based heavy duty antifreeze

Product code: FPHDGR

Product Description :

Antifreeze Longlife 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 Antifreeze Longlife 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.

Antifreeze Longlife 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:

Antifreeze Longlife 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:

Antifreeze Longlife 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	

Antifreeze Longlife 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.