



TECHNICAL DATA SHEET

Ultra Longlife HDNF 48 (Blue/Green) Antifreeze (U911)

Product Description:

Ultra Longlife HDNF 48 is a monoethylene glycol based engine coolant and antifreeze 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 nitrite, amine and phosphate (NAP) free. BTC Classification Type 3E.

The inhibitors in Ultra Longlife HDNF 48 include organic acids in combination with borate and silicate to provide excellent corrosion protection in all applications.

Ultra Longlife HDNF 48 uses a superior 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.

Freeze Protection:

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:

Ultra Longlife HDNF 48 exceeds the requirements of most European and International Standards including:

ASTM D3306, ASTM D4985, SAE J 1034, BS 6580 (2010), AFNOR NF R15-601, JIS K2234 and the performance requirements of ASTM D 6210.

Ultra Longlife HDNF 48 can be used where Glystantin® G48 was originally recommended.