



Antifreeze HD 100 & Antifreeze HD 50

General Purpose Antifreeze & Coolant

Antifreeze HD is a general purpose antifreeze based on silicate and nitrate inhibitor technology and is nitrite, amine and phosphate free MEG based antifreeze and summer coolant that provides maintenance free protection against freezing and boiling but also gives excellent corrosion protection in cooling systems when mixed with the appropriate amounts of water.

Antifreeze HD fully meets BS 6580 and is available in concentrate (neat) form or as a 50/50 ready mix solution.

Features & Benefits

- Protects from freezing down to -37°C

Applications

Typical mixtures in Northern Europe are 50/50, offering frost protection down to -37°C.

Storage Requirements

Antifreeze HD should be stored above -20°C and preferably at ambient temperatures. Periods of exposure to temperatures above 35°C should be minimized. Further, it is strongly advised not to expose the coolant in translucent packages to direct sunlight as this can degrade the colour dyes present in the coolant, and result in fading of the colour or discoloration over time. It is therefore advisable to store coolant filled in translucent packages indoors to avoid this issue.

As with any antifreeze coolant, the use of galvanized steel is not recommended for pipes or any other part of the storage/mixing installation.

Safety information sheets are available for all Optimum products from the address below:

1 Ullenwood Court · Ullenwood · Cheltenham · Gloucestershire · GL53 9QS
 Head Office: 01242 253 333 · Customer Services & Orders: 08719 188 881 · Fax: 08719 189 998
 Email: technical@optimumoils.com · Web: www.optimumoils.com

All reasonable care has been taken to ensure that the information contained in this publication is accurate at the date of printing. The above information may be affected by changes occurring subsequent to the date of printing in the formulation and its application for the products referred to or in the requirements of any specification or approval relating to any such products.



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Typical Physical Data

	Antifreeze HD 100	Antifreeze HD 50
Appearance	Blue	
Relative Density (kg/m ³ @20°C)	1.125	1.076
pH (20°C)	7.2	-
Refractive Index (Cst@40°C)	-	1.43
Water Content (% v/v)	3.4	50
Freeze Protection (°C)	-	-37.5

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