



Product Data Sheet

# COOLANT

# HD

### Product Description:

**COOLANT HD** is a ready to use premium coolant based on Organic Additive Technology (x-OAT) that provides year-round frost and excellent corrosion, freeze and boil protection. The coolant can withstand high temperatures thanks to the increased oxidation stability and compensates the negative effects of potential flux contamination.

**COOLANT HD** is designed to cope with the most extreme engine conditions in both passenger cars and heavy-duty applications.

**COOLANT HD** combines Ethylene Glycol as base fluid and an OAT backbone with virtually non-depleting organic corrosion inhibitors to obtain the following properties:

- Contains a neutralisation package to avoid adverse effect of flux material, used during the production process of Aluminium heat exchangers
- Prevents the formation of gels or deposits in the cooling system
- Excellent hard water stability avoiding the formation of insoluble deposits
- Superior oxidation and pH stability at high temperatures, resulting in limited amount of glycol degradation acids
- Outstanding heat transfer
- Increased service interval
- 2-EHA, nitrite and borate free technology

**COOLANT HD** exceeds the following performance criteria:

<b>ASTM D3306-20</b>	<b>UNE 26-361-88/1</b>	<b>JIS K2234;2018</b>	<b>GB 29743.1 2014/2022</b>
<b>ASTM D6210</b>	<b>GMW 18270</b>	<b>VW TL-774-D</b>	<b>VW TL-774-F</b>
<b>MAN 324 SNF</b>	<b>MB 325.3</b>	<b>Deutz DQC CB-14</b>	<b>Ford WSS-M97B44-D</b>
<b>STJLR.03.5212</b>	<b>Claas</b>	<b>AGCO</b>	<b>DAF</b>
<b>Volvo VCS-2</b>	<b>CAT</b>	<b>John-Deere</b>	<b>Detroit DFS93K217</b>
<b>Komatsu 07.892</b>	<b>CASE MAT 3624</b>		



Property	Unit	Test Method	Typical Value
Color			Pink
Density @20°C	kg/l	ASTM D5931	1.060
Equilibrium Boiling Point	°C	ASTM D1120	>108
Initial crystallisation	°C	ASTM D1177	<-36
pH		ASTM D1287	8.2 - 8.7

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