



# ANTIFREEZE G13

## Product Description:

**ANTIFREEZE G13** is a long life silicate containing antifreeze based on low silicate Organic Acid Technology (Si-OAT) in ethylene glycol to be used as a cooling and heat transferring fluid in the latest generation VAG, MB and MAN combustion engines.

**ANTIFREEZE G13** is based on ethylene glycol and in combination Lobrid additive technology to obtain the following properties.

- Extended life.
- Environmentally friendly due to the absence of borate, nitrite, amines and phosphates.
- Reliability.
- Excellent corrosion protection for aluminium heat transfer surfaces.
- Excellent cavitation protection.

**ANTIFREEZE G13** exceeds the following performance criteria:

**VAG TL 774J**

**MB 325.5**

**MAN 324 Si-OAT**



Property	Unit	Test Method	Typical Value
Color			Light Red/ Voilet
Density @15°C	kg/m <sup>3</sup>	ASTM D5931	1.135
Equilibrium Boiling Point	°C	ASTM D1120	>170
Reserve Alkalinity (pH 5.5)		ASTM D1121	5.7
Refractive Index, 20°C		ASTM D1218	1.437
Freezing Protection			
35.6% dilution with water	°C		-20
41.0% dilution with water	°C		-25
49.8% dilution with water	°C		-35

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