



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 ³ | 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 |

Product Nr: 45140

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