





Care Products

GUARD REFRIGERANTE 50 %

Description

Antifreeze formulated from ethylene glycol and anticorrosive and anti-foam additives. Amine and nitrate free, recommended for all types of diesel and petrol engine cooling circuits. Especially for aluminium and aluminium alloy circuits. Offers good antifreeze, coolant and metal surface protection properties.

Properties

Product designed for direct consumption as it contains water processed to avoid the risk of limescale deposit formation, corrosion and foam formation.

Good thermal stability and prevents deposits and sludges forming in the cooling circuit. Compatible with joints and seals, thus preventing fluid loss risks.

Quality levels, approvals and recommendations

- · ASTM D3306/D4985
- DIN 51501 L -AN

• ISO 6743/1 - AN

Technical specifications

	UNIT	METHOD	VALUE
Concentration			50%
Active ingredient	% in weight	-	50
Reserve alkalinity	ml HCl 0.1N	ASTM D1121	2.0
ISO Viscosity Grade			220
Colour	-	Visual	Red
Density at 15 °C	g/cm3	ASTM D4052	0.896
Density at 20 °C	g/cm3	DIN 51757-4	0.895
Viscosity index	-	ASTM D2270	95
Flash point, open cup	°C	ASTM D92	230
Freezing point	°C	ASTM D1177	-37
Pour point	°C	ASTM D97	-9
4 Ball EP, wear load index	-	ASTM D2783	250
Rust, method A	-	ASTM D665	Pass
TAN	mg KOH/g	ASTM D664	<0,15
Water separability at 82 °C	min	ASTM D1401	⟨20

The above mentioned characteristics are typical values and should not be considered product specifications.