

PRODUCT INFORMATION

PRODUCT NAME VASOIL ANTIFREEZE

DESCRIPTION VASOIL ANTIFREEZE is an engine coolant concentrate (antifreeze) based on mono ethylene glycol with carefully chosen additives. Containing no nitrites, amines or phosphates makes it suitable for both petrol and diesel engines.

PRODUCT USE

VASOIL ANTIFREEZE, protects cooling systems of automotive and industrial gasoline and diesel engines and give the following properties in aqueous mixtures:

1. Thermal characteristics that permit effective engine cooling without boiling.
2. Anticorrosion protection of all metals and alloys used in the cooling system of modern vehicles.
3. Protection against frost, depending on the concentration chosen.
4. Compatibility with rubber and plastics used in the cooling system.
5. Excellent antifoaming characteristics.
6. Meets all European and most International Standards.

The freezing point of the new antifreeze adjusts as follows in aqueous solutions :

Concentration % by volume	31.5	36	41.3	44.9	48.4
Freezing Point, °C	-15	-20	-25	-30	-35

SPECIFICATIONS

VASOIL ANTIFREEZE, complies with the following quality standards:

• ASTM D3306 (USA)	• AFNOR NF R15-601 (France)	• AS 2108 (Australia)
• ASTM D4985 (USA)	• ONORM V 5123 (Austria)	• CUNA NC 956-16 (Italy)
• SAE J 1034 (USA)	• JIS K 2234 (Japan)	FVV Heft R443 tests (Germany)
• BS 6580 (UK)	• UNE 26-361 (Spain)	

CHARACTERISTICS (TYPICAL PROPERTIES)

VASOIL ANTIFREEZE	ASTM	
Density at 20 °C, g/ml	D-4052	1.11 – 1.14
Refractive Index at 20 °C	DIN 53169	1.43
Boiling Point, °C	D-1120	165
Flash Point, °C	DIN 51376	125
PH 33%	D-1287	7.5 - 11
Viscosity at 20 °C	CP	22.5
Water Content	DIN 1123	5 % Max
Reserve Alkalinity N/10 HCl	D-1121	20 ml Min