



PRODUCT DATA SHEET

EKO ANTIFREEZE SUPER Long life engine coolant concentrate

DESCRIPTION

EKO ANTIFREEZE SUPER is a concentrated ethylene glycol engine coolant, specifically designed for gasoline and diesel-powered engines. EKO ANTIFREEZE SUPER contains a package of organic acid (OAT) technology anti-corrosion additives, free of nitrites, amines, phosphates, borates and silicates.

SPECIFICATIONS

ASTM D3306, ASTM D4985, SAE J1034, BS 6580:2010, CUNA NC 956-16, AFNOR NF R15-601, ÖNORM V 5123, VW TL 774D/F (G12/G12+), MAN 324 SNF, MB 325.3, DAF 74002.

In compliance with Gov. Gazette no 2988/B/22-11-2013.

APPLICATIONS

- Engines made of cast iron, aluminium, or a combination of the two.
- Internal combustion engines, hybrid and battery electric vehicles.
- Cooling systems made of aluminium or copper alloys.
- Suitable for high-tech engines where protection of aluminium parts from high temperatures is important.

ADVANTAGES

- Provides long-term protection against corrosion, as it essentially contains non-consumable aliphatic acid technology additives.
- Long, up to 5 years, replacement intervals, resulting in both time and cost savings, and in less waste.
- Reduces damage to the thermostat, radiator and engine, and provides excellent protection against cavitation, resulting in longer engine life.
- Compatible with hard waters.
- Environmentally friendly.
- Compatibility with rubber gaskets and piping.
- Compatible with all OAT antifreeze fluids.

This data sheet provides basic information on the product as at the date of drafting. For further information regarding applications, please contact EKO ABEE Technical Support, tel. +30 210 5509 511. Advice on safe handling is provided in the Safety Data Sheet.



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TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKO ANTIFREEZE SUPER
Appearance	Visual Inspection		Clear liquid, without suspensions
Colour	Visual Inspection	-	Fuchsia - pink
Density, 20°C	DIN 51757-3	g/ml	1.125
Nitrates, amines, phosphates, borates and silicates	-	-	Nil
Reserve Alkalinity	ASTM D1121	ml 0.1N HCL	min 8
Equilibrium Boiling Point	ASTM D1120	°C	min 163
Freezing Point, 50% v/v solution	ASTM D1177	°C	below -37
pH, 20°C	ASTM D1287	-	8.0-9.0

SPECIAL INSTRUCTIONS

Suitable for gasoline and diesel vehicles. It is concentrated, so it should be diluted with water before use. Refer to the user's manual for the dilution ratio.

For effective anti-rust and anti-corrosion protection, EKO ANTIFREEZE SUPER should be diluted in deionized water at a minimum rate of 33% per volume. For optimal anti-corrosion protection, manufacturers recommend dilution in deionized water at a 50% rate per volume.

Do not mix different brands of concentrated or ready-to-use coolant fluids, as they may contain different technology additives, and the products may not be compatible with each other.

EKO ANTIFREEZE SUPER contains a bittering agent to prevent accidental ingestion.

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