



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 Organic Acid (OAT) corrosion inhibitor technology, and is free of nitrates, amines, phosphates, borates and silicates.

SPECIFICATIONS

AS 2108-2004, ASTM D 3306, ASTM D 4985, BS 6580:2010, CUNA NC 956-16, AFNOR NFR 15-601, ÖNORM V 5123, SAE J1034, SANS 1251:2005 and SH 0521-1999, MAN 324 Type SNF, Daimler/Mercedes-Benz Specification 325.3, MTU MTL 5048, Porsche from MY 1996 to MY 2010, VW/Audi/Seat/Skoda TL 774-D/F (G12/G12+), DAF MAT 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.
- 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 and +30 210 7725 418. 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		Clear liquid, no turbidity
Colour	Visual Inspection	-	Fuchsia - pink
nitrates, amines, phosphates, borates and silicates			Nil
Density at 20°C	ASTM D 4052	g/ml	1.124
Reserve Alkalinity	ASTM D 1121	ml 0.1N HCL	typ. 9.5
Boiling point	ASTM D 1120	°C	>160
Freezing Point, 50% v/v solution	ASTM D 1177	°C	Below -38
pH	ASTM D1287	-	typ. 8.4

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.

Issue 4, 12 October 2018

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