



PRODUCT DATA SHEET

EKO ANTIFREEZE Engine coolant concentrate

DESCRIPTION

EKO ANTIFREEZE is a concentrated ethylene glycol engine coolant, which contains a selective package of corrosion inhibitors free of amines, nitrites and phosphates. EKO ANTIFREEZE is suitable for diesel and gasoline powered vehicles, and it protects the vehicle's cooling system from rust and corrosion throughout the year.

SPECIFICATIONS

ASTM D 3306, SAE J1034, BS 6580, AFNOR NF R15-601.

It complies with Gov.Gaz.2988/B/22-11-2013.

ANTIFREEZE PROTECTION

The table below shows the antifreeze protection achieved with the corresponding proportion of antifreeze:

Parts water	Parts EKO ANTIFREEZE	Proportion EKO ANTIFREEZE in the radiator	Antifreeze protection
3	1	25% v/v	max. -11°C
2	1	33 % v/v	max. -17°C
1	1	50 % v/v	max. -38°C

ADVANTAGES

- Excellent protection against corrosion and rust.
- Effective anti-freeze and anti-boil protection.
- Compatible with elastomers.
- Miscible with similar type antifreeze fluids.
- Hard water stable.



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TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKO ANTIFREEZE
Appearance	Visual Inspection		Clear liquid, no turbidity
Colour	Visual Inspection	-	green
Density, 20°C	ASTM D 4052	g/ml	1.125
Amines, nitrates and phosphates			Nil
Boiling Point	ASTM D 1120	°C	165
Reserve Alkalinity, min	ASTM D 1121	ml 0.1N HCL	20
pH	ASTM D 1287	-	9.2
Foaming Characteristics at 88°C	ASTM D 1881		
Foam Height, max		ml	50
Foam Breaktime, max		seconds	3

SPECIAL INSTRUCTIONS AND USAGE

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. To ensure effective anti-corrosion protection, manufacturers recommend dilution in deionized water at a minimum rate of 33% 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.

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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.