

ALPINE C 48

Premium radiator anti-freeze

Properties

Alpine C 48 is a radiator corrosion inhibitor and anti-freeze agent based on ethylene glycol. It is free of any potentially hazardous substances such as nitrites, amines and phosphates. Due to an optimal combination of inhibitors based on the carboxyl technology as well as silicates and borates (hybrid coolant)

Alpine C 48 assures efficient and long lasting protection from corrosion for an extended coolant service life. Further additives prevent foaming of the coolant liquid, provide correct cavitation protection and prevent deposits. Alpine C 48 offers a year round, maintenance-free anti-freeze and over-heating protection due to a higher boiling point. The product does not have any negative effect on coolant hoses or cylinder head gaskets.

Use instructions

Alpine C 48 - mixed with the correct amount of water – can be used without restrictions as a thermal transfer fluid in internal combustion engines made in cast iron, aluminium or a combination of these metals, and radiator systems made in aluminium or copper alloys. We recommend maintaining a concentration of 50% (v/v) during all seasons.

Caution: Observe manufacturer instructions.

Performance data

Approval: MB- approval 325.0
MAN 324 type NF

Recommendations*: VW TL 774 C
Opel GM B 040 0240
MTU MTL 5048
Deutz DQC CA-14
BMW N 600 69.0

TYPICAL VALUES	METHOD	UNIT	ALPINE C 48
Density at 20°C	DIN 51 757	g/cm ³	1,120
Reserve alkalinity (pH 5,5)	ASTM D 1121	ml 0,1 n HCL	13-15
Boiling point	ASTM D 1120	°C	170
pH	ASTM D 1287	-	7,2
COC flash point	DIN 51 758	°C	>120
Frost protection at 50% (v/v)	ASTM D 1177	°C	- 36
Colour	-	-	dark blue

* meets the requirements of the OEM manufacturer

The above values may vary within commercially accepted tolerances

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