

ALPINE® C40

Premium Super-longlife coolant purple

Properties

ALPINE C40 is a premium coolant based on ethylene glycol, with highly effective inhibitors from the combination of OAT and silicate technology as well as high-performance additives (Si-OAT coolant). For longest service life and maximum protection of all metals in the engine. The coolant has no negative influence on coolant hoses or cylinder head gaskets.

ALPINE C40 is nitrite, amine, phosphate and borate free.

Application notes

ALPINE C40 mixed with the corresponding quantity (distilled water) of water is used as a coolant and heat transfer fluid in combustion engines, without restriction whether engines are made of cast iron, aluminium or a combination of both metals and in cooling systems made of aluminium or copper alloys. **ALPINE C40** is especially recommended for high-tech engines that require special high-temperature aluminium protection.

An application concentration of 50 vol.% is recommended all year round.

Mixing **ALPINE C40** with other radiator protection agents or products of other manufacturers is not recommended.

Caution: Observe manufacturer's instructions and use concentration of min. 33 vol.%.

Service description

Approval:

- VW TL 774 G
- MB-Approval 325.5 / 325.6
- MAN 324 Type Si-OAT

Recommendation*:

- Audi
- Bentley
- Bugatti
- Cummins CES 14603
- Deutz DQC CC-14
- Deutz-Fahr (>04/2017)
- Ducati
- Irizar (>09/2016)
- Lamborghini
- Liebherr (minimum LH-01-COL3A)
- MAN Energy Solutions (BASF-CW-GLY00G40-01)
- MB 326.5 / 326.6
- MTU 5048
- Porsche
- Seat
- SETRA
- Skoda

Also protects:

- Faun
- Tadano

* meets the requirements of the OEM manufacturer.
The stated values may vary within the usual commercial range.

Specifications:

- AS 2108-2004
- ASTM D 3306, ASTM D 4985
- BS6580:2010
- CUNA NC 956-16
- AFNOR NFR 15-601
- JIS K 2234:2206
- SAE J1034
- ÖNORM V 5123
- SANS 1251:2005
- China GB 29743-2013

TYPICAL PARAMETERS	METHODS	UNITS	ALPINE C40
Density at 20°C	DIN 51 757	g/cm ³	1.12
Reserve alkalinity (pH 5.5)	ASTM D 1121	ml 0,1 n HCl	9.5
Boiling point	ASTM D 1120	°C	>160
pH value	ASTM D 1287	-	approx. 8
Flash point	DIN ISO 2719	°C	>124
Antifreeze at 50 vol.%	ASTM D 1177	°C	- 36
Colour	-	-	purple

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