

# ALPINE® C40

## Premium Super-longlife coolant violet

### 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 of (distilled water) 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 hightemperature 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

#### 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

#### Approval:

- MAN 324 Typ Si-OAT
- DTFR 29C120 (325.5)
- MB-Approval 325.6
- VW TL 774 G

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

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### 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)
- DTFR 29D120 (326.5)
- MB 326.6
- MTU 5048
- Porsche
- Seat
- SETRA
- Skoda

### Also protects:

- Faun
- Tadano

TYPICAL PARAMETERS	METHODS	UNITS	ALPINE C40
Density at 20°C	ASTM D 5931	g/cm <sup>3</sup>	1.123 - 1.126
Reserve alkalinity (pH 5.5)	ASTM D 1121	ml 0,1 n HCl	8.0 - 11.0
Boiling point	ASTM D 1120	°C	>163
pH value	ASTM D 1287	-	8.2 - 8.6
Flash point	DIN EN ISO 2592	°C	>120
Antifreeze at 50 vol. %	ASTM D 1177	°C	- 36
Colour	-	-	violet

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