

# ALPINE® C 040

## Longlife coolant purple

### Properties

**ALPINE C 040** 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 C 040** is nitrite, amine, phosphate and borate free.

### Application notes

**ALPINE C 040** 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 C 040** 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 C 040** 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 • SAE J1034

#### Recommendations\*:

- VW TL 774 G
- MB 325.5 / 325.6
- MAN 324 Typ Si-OAT
- Audi • Bentley • Bugatti
- Lamborghini • Seat • Skoda
- Porsche ab Bj 1996
- Cummins CES 14603
- Deutz DQC CC-14

ALPINE C 040 parts	Water parts	Anti-frost up to
1	2	-18°C
1	1.5	-24°C
1	1	-36°C

TYPICAL PARAMETERS	METHODS	UNITS	ALPINE C 040
Density at 20°C	DIN 51 757	g/cm <sup>3</sup>	1.12
Reserve alkalinity (pH 5.5)	ASTM D 1121	ml 0,1 n HCl	9.5
Boiling point	ASTM D 1120	°C	>163
pH value	ASTM D 1287	-	8.4
Flash point	DIN EN ISO 2592	°C	>120
Antifreeze at 50 vol.%	ASTM D 1177	°C	- 36
Colour	-	-	purple

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