

ALPINE® C040

Longlife coolant purple

Properties

ALPINE C040 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 C040 is nitrite, amine, phosphate and borate free.

Application notes

ALPINE C040 mixed with the corresponding quantity (distilled) 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 C040** 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 C040** 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

Recommendations*:

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

Specifications:

- AS 2108-2004
- ASTM D 3306, ASTM D 4985
- SAE J1034

| ALPINE C040 parts | Water parts | Anti-frost up to |
|-------------------|-------------|------------------|
| 1 | 2 | -18°C |
| 1 | 1,5 | -24°C |
| 1 | 1 | -36°C |

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

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| TYPICAL PARAMETERS | METHODS | UNITS | ALPINE C040 |
|-----------------------------|-----------------|-------------------|-------------|
| 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 | >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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