

ALPINE® C30

Super-longlife coolant

Properties

ALPINE C30 is a radiator protection based on ethylene glycol, free of potentially harmful substances such as nitrites, amines, borates and phosphates. Due to an optimal combination of very stable inhibitors based on silicate-free carboxylic acid technology, **ALPINE C30** offers excellent corrosion and cavitation protection for longest coolant life. Further additives prevent the coolant from foaming and prevent deposits. **ALPINE C30** offers year-round frost and corrosion protection that is maintenance-free over the entire service life of the engine. The coolant has no negative influence on coolant hoses or cylinder head gaskets.

Application notes

ALPINE C30 mixed with the corresponding quantity (distilled water) water is used as a coolant and heat transfer fluid in modern combustion engines, whether engines made of cast iron, aluminium or a combination of both metals. **ALPINE C30** is especially recommended for light metal engines where special aluminium protection is required at higher temperatures. An application concentration of 50 vol.% is recommended all year round.

Caution: Observe manufacturer's instructions.

Service description

Specifications:

- AS 2108-2004
- ASTM D 3306, 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:

- Deutz DQC CB-14
- MAN 324 SNF
- DTFR 29C110 (325.3)
- MTU MTL 5048
- VW TL 774 D/F

Recommendation*:

- Audi
- Bentley
- DAF MAT 74002
- Ferrari (>2010)
- Lamborghini

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

ALPINE® C30

- MB 326.3
- Mini BMW LC-07
- Porsche
- Seat
- Setra
- Skoda

Also protects:

- Alfa Romeo (>2006), Aprilia
- Chevrolet (>2001), Chrysler (>2011)
- Citroen (>1993)
- Dacia (>2005), Daewoo, Daihatsu (>1979), Dodge (>2011)
- Fiat (>2005), Ford (>1998), Fuso
- Gilera, GMC
- Harley-Davidson, Hitachi
- Honda (>1983), Honda Motorbike
- Hyundai (>1982)
- Iveco (>01/2014)
- Jaguar (>1999)
- Kawasaki, KIA (>1991)
- KTM, Kymco
- Lancia (>2005), Land Rover (>1998)
- Lexus (>1994), Lotus (>2000)
- Mazda (>1977)
- Mitsubishi (>1982)
- Nissan (>1982)
- Opel (>2001)
- Peugeot (>1993), Peugeot Motorbike
- Piaggio
- Renault (>1995), Renault Truck
- Rover (>1982)
- Saab (>2001), Smart (>11/2014)
- Subaru (>1977)
- Suzuki (>1981), Suzuki Motorbike
- SYM
- TGB
- Toyota (>1978)
- Triumph
- Volvo Construction, Volvo Trucks (>2006)
- Yamaha

TYPICAL PARAMETERS	METHODS	UNITS	ALPINE C30
Density at 20°C	ASTM D 5931	g/cm ³	1.122 - 1.125
Reserve alkalinity (pH 5.5)	ASTM D 1121	ml 0,1 n HCl	8-11
Boiling point	ASTM D 1120	°C	>160
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	-	-	rose

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