COOLANT M5.0 CONCENTRATE

SI-HOAT coolant

Description

COOLANT M5.0 Concentrate is a coolant based on ethylene glycol which is nitrite-, phosphate- and amine-free. It meets the requirements of various manufacturers of high-performance engines. In addition to outstanding antifreeze protection, this coolant offers excellent year-round corrosion protection for all metals and alloys used in the cooling system.

Product features

- nitrite-, amine- and borate-free
- does not contain 2-Ethylhexanoic acid
- good corrosion protection for metals and alloys in the cooling system
- good compatibility with commercially available elastomers and plastics
- high chemical stability
- recommended usage duration 3 years

Field of application

In petrol and diesel engines made from cast iron, aluminium or a combination of both metals. COOLANT M5.0 can also be used in cooling systems made of aluminium or copper alloys.

Application

To prevent corrosion damage, the coolant must be used all year round in the cooling system with a mixing ratio of at least 33%.

Dosage

1/3 Coolant M5.0 and 2/3 water protect at temperatures as low as -21°C; 1/2 Coolant M5.0 and 1/2 water protect at temperatures as low as -38°C

Notes

Even with biodegradable products, proper disposal is essential! Please observe the manufacturer's instructions. Mixing with other coolants is not recommended.

Specifications

ASTM 6210 TYP I-FF, ASTM D3306, ASTM D4985,
BS 6580-2010, ÖNORM V 5123, JASO M325, SAE J1034

Safety & Performance

BMW GS 94000 / N600 69.0, BMW LC-87, BMW LC-97,
MAT 3720, CUMMINS 85T8-2, DAF 74001,
DEUTZ DQC CA-14, FIAT 9.55523,
FORD ESD-M97B49-A, IVECO 18-1830 REF.N°I002.C00,
JENBACHER TA 1000-0201, LIEBHERR LH-00-COL3A,
MAN 324 NF, MB 325.0, MB 326.0, MOPAR MS-7170,
MTU 5048, VW G 11 / TL 774-C

Technical Data

Properties	Test according to	Unit	Values
Colour			turquoise
Base			Ethylene glycol
Density at 20 °C		g/cm3	1.125
Viscosity at 20°C	DIN 51562-1	mm2/s	23.0 - 27.0
Flash point	DIN EN ISO 2592	°C	> 115
Boiling point	DIN EN ISO 3405	°C	> 163
Mixture			CONCENTRATE
Refraction at 20°C	DIN 51423-1		1.434
Bitter content		ppm	75

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