



RAVENOL HTC Concentrate Protect MB 325.0

Kategorie: Radiator antifreeze

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Recommendation: ASTM D3306, ASTM D4340, ASTM D4985, Audi, BMW 81229407454, BMW 83192211191, DAF, DTFR 29C100 (MB 325.0), DTFR 29D100 (MB 326.0), Ford AF Plus, Ford ESE-M978B4H-A, GM 1825M, GM 1899M, GM 93740140, GM 93740141, GM SATURN, Honda OL999-9011, Jaguar, John Deere, MAN 324 NF, MB (A 000 989 08 25 10), MB 325.0 (Konzentrat), MB 326.0 (Premix), NATO S-759, Opel/GM QL130100, Porsche, Renault Glaceol RX Type D, ROVER, SAAB, SAE J1034, VW TL 774-C (entspricht G11)

Application: Passenger car, Agricultural machinery

RAVENOL HTC Hybrid Technology Coolant Concentrate is an all-season, eco-friendly 1.2- Ethanediol (monoethylene glycol) based nitrite, amine and phosphate-free coolant with frost and rust protection for Mercedes, BMW, Opel, Saab and General Motors engines. This product is formulated based on a proven inhibitor development by combining silicates with the organic additive technology OAT as an extended life coolant.

The quality of an antifreeze is no longer just determined by the antifreeze effect (which automatically exists in an ethylene-glycol based product), but by the rust protection.

That is why manufacturers subject antifreeze to lengthy corrosion and cavitation tests.

RAVENOL HTC Hybrid Technology Coolant Concentrate protects the cooling system from rust, frost, and in summer, from overheating.

Application Note

RAVENOL HTC Hybrid Technology Coolant Concentrate with frost and rust protection for year-round use in automotive engines. Mix according to chart. Follow manufacturer's recommendations.

Instructions: Clean cooling system, check for leaks, flush.

Mix **RAVENOL HTC Hybrid Technology Coolant Concentrate** with distilled water (per mixing chart) and add. Allow engine and heater to warm up, add coolant to fill level.

RAVENOL HTC Hybrid Technology Coolant Concentrate can also be used in geothermal probes and geothermal collectors as recommended list of LaWa (Federal / State Working Group on Water in Germany).

Table of mixing ratios

Antifreeze protection until Parts Antifreeze Parts Water

-20°C	35%	65%
-37°C	50%	50%
-50°C	60%	40%

Characteristics

- Excellent for use in cast iron or aluminium engines, or alloys of the two metals, and aluminium and copper alloy radiators
- Excellent reserve alkalinity
- Protection from corrosion and cavitation
- Prevents sediments and foaming in the cooling system
- Compatible with elastomers used in automotive radiators

Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
Density at 20 °C	kg/m³	1130,0	EN ISO 12185
Colour		blau	VISUELL
Flashpoint	°C	>100	DIN 51758
Boiling point	°C	>160	ASTM D1121
pH - value at 20 °C (50 Vol %)		7,0 - 8,0	ASTM D1287
Reserve alkalinity	ml0,1nHCl	>15	ASTM D1120
Water content	Gew. %		ASTM D1123
Freezing point (50 % solution)	°C	-37	ASTM D1177

All indicated data are approximate values and are subject to the commercial fluctuations.