



RAVENOL HTC Concentrate Protect MB325.0



ART.-NR. 1410120

1,5 L | 1410120-150
5 L | 1410120-005
20 L | 1410120-020
20 L | 1410120-B20
1000 L | 1410120-700

APPROVALS LAWA ERDWÄRMESONDEN | VW TL 774 AUSFÜHRUNG C (G11)

RECOMMENDATIONS ASTM D3306 | ASTM D4985 | ASTM D4340 | AUDI | BMW 83 19 2 211 191 | DAF | 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 | MB 325.0 (KONZENTRAT) | MB 326.0 (PREMIX) | MB A000989082510 | NATO S-759 | OPEL GM QL130100 | PORSCHE | RENAULT GLACEOL RX TYPE D | ROVER | SAAB | SAE J1034 | INCLUDED IN THE LIST OF RECOMMENDATIONS OF THE LAWA FOR WATER MANAGEMENT REQUIREMENTS FOR GEOTHERMAL PROBES AND GEOTHERMAL COLLECTORS. PLEASE FOLLOW MANUFACTURER'S RECOMMENDATIONS.

RAVENOL HTC Concentrate Protect MB325.0 is an all-season amine and phosphate-free mono-ethylene glycol based 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 automakers subject antifreeze to lengthy corrosion and cavitation tests.

RAVENOL HTC Concentrate Protect MB325.0 protects the cooling system from rust, frost, and in summer, from overheating.

Application Notes

RAVENOL HTC Concentrate Protect MB325.0 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 Concentrate Protect MB325.0** with clean water (per mixing chart) and add. Allow engine and heater to warm up, add coolant to fill level.

RAVENOL HTC Concentrate Protect MB325.0e can also be used in geothermal probes and geothermal collectors as recommended list of LAWA (Federal / State Working Group on Water in Germany).

Mixing Chart:

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Antifreeze protection until	Parts Antifreeze	Parts Water
- 12°C	1	3
- 20°C	1	2
- 37°C	1	1



Characteristics

RAVENOL HTC Concentrate Protect MB325.0 offers:

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

Property	Unit	Data	Audit
Density at 20°C	kg/m ³	1130,0	EN ISO 12185
Colour		blau	visual
Flash point	°C	>100	DIN 51 758
Boiling point	°C	>160	ASTM D 1120
pH-value (50 %, 20°C)		7,5	ASTM D 1287
Reserve alkalinity	ml 0,1 n HCL	>15	ASTM D 1121
Water content	Gew.-%	<5	ASTM D 1123
Freezing point (50 %-Lösung)	°C	-37	ASTM D 1177

All information correspond to the best of our knowledge to the actual situation of the cognitions and our development. Subject to alterations. All references made to DIN-norms are only for the description of the goods. There is no guarantee. In case there will be any problems please contact the technical service.

Release: : 27. July 2020