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## **RAVENOL HTC COLD CLIMATE -60°C**

**AMINE - PHOSPHATE- FREE**

**HYBRID TECHNOLOGY COOLANT, ANTIFREEZE**

**RAVENOL HTC COLD CLIMATE -60°C** is a ready-to-use, prediluted with water, eco-friendly, 1.2- Ethanediol (monoethylene glycol) based amine and phosphate-free, all-season coolant with frost and rust protection for use in 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 product is suitable for regions with cold climate.

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 COLD CLIMATE -60°C** protects the cooling system from rust, frost, and in summer, from overheating.

### **Application Notes**

**RAVENOL HTC COLD CLIMATE -60°C** is a prediluted coolant with frost and rust protection for year-round use in automotive engines.

Even in summer coolant must contain enough antifreeze to ensure good corrosion and overheating protection.

Instructions: Add **RAVENOL HTC COLD CLIMATE -60°C** to radiator to fill line.

### **Approvals**

VW TL 774-C

## **Practice and tested in aggregates with filling**

ASTM D3306, ASTM D4985, ASTM D4340, SAE J1034, NATO S-759, FORD ESE-M978B4H-A, FORD AF Plus, MAN 324, SAAB, GM 1825M, OPEL-GM QL130100, DAF, GM 1899M, GM 93740141, GM 93740140, MB A000989082510, VW-AUDI-PORSCHE, GM SATURN, ROVER, PORSCHE, John Deere, JAGUAR, BMW 81 22 9 407 454, 83 19 2 211 191, RENAULT, Honda OL999-9011 Herstellervorschriften beachten., MB 325.0

## **Characteristic**

**RAVENOL HTC COLD CLIMATE -60°C** 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

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Characteristics	Unit	Data	Audit
Colour		blau	visual
Density at 20°C	kg/m <sup>3</sup>	1096	EN ISO 12185
pH-Value		7,8	ASTM D 1287

Characteristics	Unit	Data	Audit
Freezing point	°C	-60	ASTM D 1177

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