



## RAVENOL OTC COLD CLIMATE -60°C

RAVENOL OTC COLD CLIMATE -60°C is a ready-to-use, prediluted with water, eco-friendly 1.2- Ethanediol (monoethylene glycol) based silicate, borate, nitrite and phosphate-free coolant for cooling circuits in combustion engines which provides maintenance-free corrosion and frost protection. This product is formulated to be used in cold climate regions, based on a proven inhibitor development 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 OTC COLD CLIMATE -60°C protects the cooling system from rust, frost, and in summer, from overheating.

### Application Notes

RAVENOL OTC COLD CLIMATE -60°C is a prediluted coolant with frost and rust protection for year-round use in automotive engines, especially for use in cold climate regions.

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

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

### Quality Classifications

#### **Approvals**

Approval (Only Concentrate): MAN 324 SNF, VW TL 774 Ausführung F, DEUTZ DQC CB-14

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

MB 325.3, VW/Audi TL 774-D/F (entspricht G12 Plus), Opel GM 6277 M, Opel GM B 040 1065, Ford WSS-M 97 B44D (ab Modell 1999), FORD 1336797, 1336807, 1365305, Porsche, Mitsubishi 0103044, 0103045, MZ311986, Toyota 08889-00115, 08889-01005, 08889-80014, 08889-80015, 00272-1LLAC, VOLVO 9437650, 9437651, VW G012A8FM1, G012A8FM8, G012A8FM9

#### **Characteristic**

RAVENOL OTC COLD CLIMATE -60°C offers:

- Excellent for light metal engines
- Good reserve alkalinity
- Premium corrosion additives for optimal rust protection for all metals and metal alloys used in cooling systems, including aluminium
- Prevents sediments and foaming in the cooling system
- Compatible with elastomers used in automotive radiators
- Can be mixed with other coolant types

Characteristics	Unit	Data	Audit
Colour		violett / lila	visual
Density at 20°C	kg/m <sup>3</sup>	1087	EN ISO 12185
pH- Wert		8,0	ASTM D 1287
Freezing point	°C	-60	ASTM D 1177

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

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.

14.03.2016

Ravensberger Schmierstoffvertrieb GmbH

Postfach 1163

33819 Werther

Tel.: 05203/9719-0

Fax.: 052039719-40 / 41