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## **RAVENOL LGC - Protect C13 Concentrate**

### **BASED ON GLYCERIN**

**RAVENOL LGC Lobrid Glycerin Coolant Concentrate** is an eco-friendly 1.2- Ethanediol (monoethylene glycol) based coolant with 20% glycerine additive for cooling circuits in combustion engines which provides maintenance-free corrosion and frost protection. This product is formulated based on a proven inhibitor development by combining glycerine and 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 LGC Lobrid Glycerin Coolant Concentrate** protects the cooling system from corrosion, frost, and in the summer from overheating.

### **Application Notes**

**RAVENOL LGC Lobrid Glycerin Coolant Concentrate** with frost and rust protection for year-round use in all-aluminium engines. Use according to the mixing chart. Follow manufacturer's recommendations.

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

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

Mix **RAVENOL LGC Lobrid Glycerin Coolant Concentrate** with fresh water (per mixing chart) and add. Allow engine and heater to warm up, add coolant to fill level.

### **Quality Classifications**

**RAVENOL LGC Lobrid Glycerin Coolant Concentrate** is tried and tested for aggregates specifying:

## Specifications

VW TL 774-J (acc. to G13 ), VW G012A8FM1, G012A8FM8, G012A8GM9, Audi, Skoda & Seat

## Characteristic

**RAVENOL LGC Concentrate** offers:

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

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Characteristics	Unit	Data	Audit
Colour		violett/lila	visual
Density at 20°C	kg/m <sup>3</sup>	1140	EN ISO 12185
Flash point	°C	110	DIN 51 758
Boiling point	°C	170	ASTM D 1120
pH-value (50 %, 20°C)		7,8	ASTM D 1287
Reserve alkalinity	ml 0,1 n HCL	5,5	ASTM D 1121
Water content	Gew.-%	5	ASTM D 1123

<b>Characteristics</b>	<b>Unit</b>	<b>Data</b>	<b>Audit</b>
Freezing point	°C	-35	ASTM D 1177

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