



## RAVENOL LTC Concentrate Protect C12++



**ART.-NR. 1410125**

1,5 L | 1410125-150  
5 L | 1410125-005  
10 L | 1410125-010  
20 L | 1410125-020  
20 L | 1410125-B20  
208 L | 1111127-208  
60 L | 1111127-060  
1000 L | 1410125-700

**APPROVALS** FREIGEGERBEN NACH VW TL 774, AUSFÜHRUNG G  
**RECOMMENDATIONS** MB 325.6 | CHRYSLER MS.90032 | MAN 324 TYP SI-OAT | MB 325.5 | MOPAR 68163849AA | MOPAR 68163848AA | PORSCHE (AB BJ. 97) BOXSTER, CAYMAN, CAYENNE, PANAMERA | SCANIA TB 1451 | VW G012A8GM1 | VW G012A8GM8 | VW G012A8GM9

**RAVENOL LTC Concentrate Protect C12++** is an eco-friendly 1.2-Ethenediol (monoethylene glycol) based coolant 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 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 LTC Concentrate Protect C12++** protects the cooling system from rust, frost, and in summer, from overheating.

## Application Notes

**RAVENOL LTC Concentrate Protect C12++** with frost and rust protection for year-round use in all-aluminium engines.

Mix according to chart. Please follow manufacturer instructions.

Instructions: Clean cooling system, test leak tightness, flush.

**RAVENOL LTC Concentrate Protect C12++** with clean water (per mixing chart) and add. Allow engine and heater to warm up, add coolant to fill level.

## Characteristics

**RAVENOL LTC Concentrate Protect C12++** offers:

- Excellent for all-aluminium 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

Property	Unit	Data	Audit
Density at 20°C	kg/m <sup>3</sup>	1120	EN ISO 12185
Colour		violett	visual
Flash point	°C	110	DIN 51 758
Boiling point	°C	175	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
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: : 04. March 2021