



## RAVENOL TTC Concentrate Protect C11



**RECOMMENDATIONS** VW TL 774-C (ENTSPRICHT G11) | MAN 324NF | AFNOR R15-601 (FRANKREICH) | BS 6580 (GB) | CUNA NC 956-16 (ITALIEN) | JIS K 2234 (JAPAN) | O NORM V 5123 (ÖSTERREICH) | UNE 25-361 (SPANIEN) | ASTM D1384 | ASTM D 2570 | ASTM D2809 | ASTM D3306 TYPE 1 | ASTM D4985 | ASTM D6210 TYP I-FF | SAE J1034 | CHRYSLER MS-7170 | FIAT 9.55523 | FIAT PARAFU 11 | FORD WSS-M97B51-A1 | IVECO 18-1830 | SUZUKI

### ART.-NR. 1410100

1,5 L | 1410100-150  
5 L | 1410100-005  
10 L | 1410100-010  
20 L | 1410100-020  
20 L | 1410100-B20  
60 L | 1410100-060  
60 L | 1410100-D60  
1000 L | 1410100-700

**RAVENOL TTC Concentrate Protect C11** is an eco-friendly 1.2- Ethanediol (monoethylene glycol) based nitrite, amine and phosphate-free coolant for cooling circuits in combustion engines which provides maintenance-free corrosion and frost protection. The product is formulated as a long-term coolant based on a proven inhibitor development.

It is no longer just the anti-freeze effect (which automatically exists in an ethylene-glycol based product) which is critical for the quality of a coolant, but also the rust protection.

Therefore automakers subject coolants to long corrosion and cavitation tests.

**RAVENOL TTC Concentrate Protect C11** protects the cooling system from corrosion, frost, and in the summer from overheating.

## Application Notes

**RAVENOL TTC Concentrate Protect C11** with frost and rust protection. 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 TTC Concentrate Protect C11** with fresh water (per mixing chart) and add. Allow engine and heater to warm up, add coolant to fill level.

### Mixing Chart:

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



## Characteristics

RAVENOL TTC Concentrate Protect C11 offers:

- Excellent for light metal engines
- Good reserve alkalinity
- High-quality corrosion additives for optimal corrosion protection
- Elastomer compatible with elastomers used in automotive radiators

Property	Unit	Data	Audit
Density at 20°C	kg/m <sup>3</sup>	1130,0	EN ISO 12185
Colour		gelb-grün fluoreszent	visual
Flash point	°C	112	DIN 51 758
Boiling point	°C	155	ASTM D 1120
pH-value (50 %, 20°C)		8,4	ASTM D 1287
Reserve alkalinity	ml 0,1 n HCL	>20	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: : 20. January 2020