



- 5 L | 1410110-005
- 10 L | 1410110-010
- 20 L | 1410110-020
- 20 L | 1410110-B20
- 60 L | 1410110-060
- 60 L | 1410110-D60
- 208 L | 1410110-208
- 1000 L | 1410110-700

## RAVENOL OTC CONCENTRATE PROTECT C12+

**Category** Radiator antifreeze

**Item number** 1410110

**Recommendation** DAF 74002, Deutz DQC CB-14, Ford 1336797, Ford 1336807, Ford 1365305, Ford WSS-M97B44-D (ab Modell 1999), Jaguar JLM 209722, Jaguar Land Rover STJLR 651.5003, Land Rover STC50529, MAN 324 SNF, MB 325.3, Mitsubishi 0103044, Mitsubishi 0103045, Mitsubishi MZ311986, Opel/GM 6277 M, Opel/GM B0401065, Porsche, Toyota 00272-1LLAC, Toyota 08889-00115, Toyota 08889-01005, Toyota 08889-80014, Toyota 08889-80015, VOLVO 9437650, VOLVO 9437651, VOLVO VCS, VW G 012 A8F M1, VW G 012 A8F M8, VW G 012 A8F M9, VW TL 774-F (entspricht G12+), VW/Audi TL 774-D (entspricht G12+)

**Application** Passenger car, Truck, Marine, Agricultural machinery, Industry

### RAVENOL OTC Organic Techn. Coolant

**Concentrate** is an 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 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 Organic Techn. Coolant

**Concentrate** protects the cooling system from rust, frost, and in summer, from overheating.

## Application Note

### RAVENOL OTC Organic Techn. Coolant

**Concentrate** with highly effective frost and rust protection. Usable in cooling systems with all-aluminium engines. Mix according to 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 OTC Organic Techn. Coolant Concentrate** with clean water (per mixing chart) and add. Allow engine and heater to warm up, add coolant to fill level.

**RAVENOL OTC Organic Techn. Coolant Concentrate** can also be used in geothermal probes and geothermal collectors as recommended list of LAWA (Federal / State Working Group on Water in Germany).

## Characteristics

- Excellent for light metal engines
- Good reserve alkalinity
- Premium corrosion additives for optimal rust protection for all metals and metal alloys used in cool
- 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

## Technical Product Data

Colour	lila		VISUELL
Reserve alkalinity	>5,5	ml0,1nHCl	ASTM D1120
Boiling point	187	°C	ASTM D1121
Water content	<5	Gew. %	ASTM D1123
Density at 20 °C	1130,0	kg/m <sup>3</sup>	EN ISO 12185
Flashpoint	>110	°C	DIN 51758
Freezing point (50 % solution)	-37	°C	ASTM D1177
pH - value at 20 °C (50 Vol %)	7,5 - 8,5		ASTM D1287

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

24.02.2022