# Product Description

**May 2017**

# Antifreeze for radiators CT 12 plus

**(light purple)**

## Features:

- Excellent protection against frost, corrosion and cavitation
- Also suitable for aluminium engines
- Amine, nitrite, phosphate and silicate free
- Manufactured on the basis of silicate-free formic acid technology
- No foaming of the cooling fluid
- Prevents depositing
- Can be mixed with the majority of coolants which are manufactured on the basis of ethylene glycol (also VW G 11)
- Manufactured on an ethylene glycol base

## Approvals and classifications:

- ASTM D 3306/D 4656/D 4985
- AFNOR NF R15-601 (France)
- AS 2108 (Australia)
- BS 6580 : 1992 (UK)
- CUNA NC 956-16
- FFV Heft R443
- JIS K 2234
- NATO S 759
- SAE J 1034
- UNE 26361-88

ATR recommends this product for:

- VW TL 774 F
- MB 325.3
- MAN 324 SNF (with black coolant hoses, not for silicone coolant hoses-blue color)
- G12
- MAN 248
- SCANIA
- VOLVO (VOLVO original product yellow or green coloured)
- CUMMINS 85T8-2, 90T8-4
- DEUTZ
- DEUTZ/MWM
- JOHN DEERE H 24 B1, C1
- LEYLAND TRUCKS LTS 22 AF 10
- MACK 014GS 17004
- Porsche
- CHRYSLER MS 9176

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## Areas of Application:

- Radiator protection using OA (organic acid) technology for all types of vehicle for which silicate-free products are specified (including Ford, GM, MAN)
- Suitable as a working life filling for grey cast iron and aluminium engines
- A cooling and heat transfer fluid in combustion engines
- For engines made out of cast iron, aluminium or a combination of both metals
- For cooling systems made out of aluminium or copper alloys
- Particularly suitable for use in light metal engines for a which a particularly effective aluminium protection is required at high temperatures
- Offers protection against frost, corrosion, maintenance free, all year round, over the whole life of the engine
- For the longest possible coolant life

## Usage:

Empty the cooling system. Flush it out well. Mix the required amount in litres according to the mixing table in a clean container or in the cooling system itself. Warm up the engine until the operating temperature has been reached and top up if necessary.

A mixing ratio of 1:1 is recommended for an optimal mixture, particularly regarding protection against corrosion and overheating.

| **Mixing table** | | |
|---|---|---|
| Antifreeze protection down to | Antifreeze for radiators % | Water * % |
| -15°C | 30 | 70 |
| -25°C | 40 | 60 |
| -36°C | 50 | 50 |

* To prepare mixtures it is recommended to use softened water.

## Operating time:

- Commercial vehicles: up to 500,000 km (app. 8,000 hours)
- Passenger cars: up to 250,000 km (app. 2,000 hours)
- Stationary engine: up to 32,000 hours (or 5 years)

It is recommended to change antifreeze for radiators every 5 year at the earliest or if applicable when the mentioned service life is reached.

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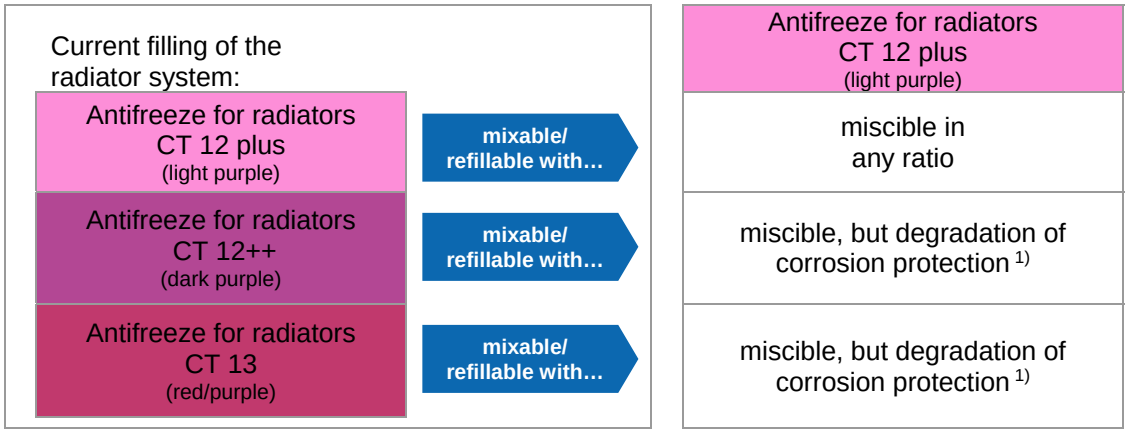
**Mixability:**

Cartechnic Antifreeze for radiators CT 12 plus is mixable with most antifreeze coolants based on ethylene-glycol.

Miscibility of Cartechnic antifreeze for radiators*




1) no guarantee for lifetime

* recommended mixing table refers only to vehicles of the VW group

Take note: Observe the manufacturer's regulations!

| **Container:** | **Article number:** |
|---|---|
| 1.5 litre | 40 27289 00458 7 |
| 5 litre | 40 27289 00459 4 |
| 20 litre | 40 27289 00460 0 |
| 60 litre | 40 27289 00461 7 |
| 200 litre | 40 27289 00462 4 |

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