


HT-12® and Frostox are brands of HAERTOL Chemie

*Automotive Chemicals – Antifreeze Coolant*

# Valvoline™ HT-12® ANTIFREEZE COOLANT PINK

**Valvoline™ HT-12™ is the latest patented* coolant technology with backwards compatibility, approved for Audi, Seat, Škoda, VW & MAN**

**Valvoline HT-12 Antifreeze Coolant Pink is a superior engine coolant developed to fulfil the latest requirements of most high performance engines and provide an extended service life up to 5 years or 250.000 km.**

This Si-OAT formulation incorporates state-of-the-art organic acid technology in an ethylene glycol base for excellent protection of all cooling system components and metals including aluminum. Valvoline HT-12 Pink is free of phosphates, nitrites, amines and borates and is compatible even with tap water.

**Valvoline HT-12 Antifreeze Coolant Pink RTU** version is 50% diluted with -36°C freezing point.

When concentrate diluted 50% with water, Valvoline HT-12 Antifreeze Coolant Pink protects modern enigne components from winter freezing and summer boiling. The chart below provides detailed mixing information and minimum water quality requirements.

| Approvals |
|---|
| VW TL 774-L (G12evo) |
| MAN 324 type Si-OAT plus |
| **Performance levels** |
| ASTM D3306 |
| ASTM D4985 |
| ASTM D6210 |
| AS 2108-2004 |
| BS 6580:2010 |

| Performance levels |
|---|
| Cummins CES 14603, CES 14439, CES 14636 |
| CUNA NC 956-16 |
| Deutz DQC CC-14 |
| GB 29743-2013 |
| JIS K 2234:2006 |
| ONORM V 5123 |
| PN-C40007:2000 |
| SANS 1251:2005 |
| VW TL 774-C/D/F/G/J |
| MAN 324 NF / SNF / Typ Si-OAT |

## Features and Benefits

### Patented* formula for superior protection

Valvoline HT-12 Pink coolant is a premium grade coolant that provides outstanding protection to vital engine parts such as coolant channels in engine block, cylinder heads (liner pitting), radiator and water pump against corrosion, overheating and frost. It contains a high quality defoamer and will not harm gaskets, hoses, plastics or original vehicle paint.

*Patent no EP2744869B1

### Applications

VW car models from year 1996 (requiring fluids meeting G12+, G12++ and G13 specifications). Valvoline HT-12 Pink is mixable in all proportions with other G12++ and G13 coolants.

### OEM approved coolant

Valvoline HT-12 Antifreeze Coolant Pink is approved by Volkswagen according to the VW TL 774-L (G12evo) and by MAN according to the MAN 324 Si-OAT evo specification.


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**Health & Safety**
For more information about environment requirements, product safe handling, storage, and disposal, please refer to the product Safety Data Sheet (SDS) available at **https://sds.valvolineglobal.com**

## Typical properties

| Valvoline HT-12 Antifreeze Coolant Pink | |
|---|---|
| **Appearance** | Liquid |
| **Colour** | Pink |
| **Reserve alkalinity*** (ml), ASTM D1121 | > 10 |
| **Boiling point*** (°C) ASTM D1120 | > 170 |
| **Density*** @20°C, g/cm³ ASTM D1122 | 1.123 – 1.128 |
| **pH value**** (50 vol%), ASTM D1287 | 8.3 – 8.6 |
| **Storage stability** | Up to 5 years |

* Concentrate ** When diluted 50/50 with water

## Material numbers

| Packaging | Concentrate | Ready to use |
|---|---|---|
| 12/1L | 889276 | 889278 |
| 20L PL | 889272 | 889274 |
| 60L KE | 889238 | 889240 |

| Valvoline HT-12 Concentrate Pink Mixing Table | |
|---|---|
| **Concentrate mixed with water*** | **Freezing Point °C** |
| 40% concentrate | -24 |
| 50% concentrate | -36 |
| 60% concentrate | -48 |
| 70% concentrate** | -67 |

*Maximum freeze protection is at 70%

| Minimum Water Quality Requirements | |
|---|---|
| **Parameter** | **Requirement** |
| pH value | 6.0 – 8.0 |
| Water hardness, ºdH | < 20 |
| Conductivity, µS | 100 - 400 |
| Calcium, mg/l | < 60 |
| Copper, mg/l | < 0.1 |
| Sulfate, mg/l | < 50 |
| Chloride, mg/l | < 40 |
| Iron, mg/l | < 0.2 |
| Fluoride, mg/l | < 50 |

***The data provided is for reference only and can be applied only for the specific production location.

**This information only applies to products manufactured in the following location(s): Europe**


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