
# Valvoline™ OEM Advanced 40 Premium Antifreeze Coolant

**Valvoline OEM Advanced 40 Premium Antifreeze Coolant** is a high-quality hybrid carboxylate formulation designed for extended service life. It incorporates state-of-the-art organic acid technology in an ethylene glycol base to protect all cooling system metals, including aluminum, against corrosion. Valvoline OEM Advanced 40 contains no phosphates, borates, nitrates, amines, nitrites, or imidazole.

When diluted 50 % with demineralized water, **Valvoline OEM Advanced 40** protects modern engine components from winter freezing and summer overheating. The following table provides detailed mixing information.

| Valvoline OEM Advanced 40: Mixing table | |
|---|---|
| **Concentrate mixed with demineralized water** | **Freezing point °C** |
| 40 % concentrate | -24 |
| 50 % concentrate | -36 |
| 60 % concentrate | -48 |

| Valvoline OEM Advanced 40: Manufacturer approvals | |
|---|---|
| Cummins CES 14603, CES 14439 | MAN 324 Type Si-OAT |
| DCC Detroit Diesel DSF93K217ELC | Mercedes Benz 325.6 / 326.6 |
| Deutz DQC CC-14 | MTU MTL 5048 |
| DTFR 29C120 / DTFR 29D120 | SCANIA TB1451-7 |
| Liebherr LH-01-COL3A | TL 774-G (G12++) |

| Valvoline OEM Advanced 40 meets or exceeds the following specifications | |
|---|---|
| ASTM D3306 | Federal Specification A-A-870A |
| ASTM D4985 | SAE J814 |
| ASTM D6210 | |

| Valvoline OEM Advanced 40: Typical properties | |
|---|---|
| Appearance & Colour | Clear pink / violet liquid |
| Boiling point*, °C, ASTM-D1120 | 107 |
| Boiling point**, °C, ASTM-D1120 | 162 |
| Flash point**, °C, DIN ISO 2592 | 121 |
| Density** bei 20 °C, g/cm³, ASTM D-1122 | 1.121 – 1.129 |
| pH value*, ASTM D-1287” | 8.3 – 8.6 |
| Storage stability | Up to 5 years |

*: 50 % V/V ready to use | **: Concentrate

**Health and Safety**
When handling Valvoline OEM Advanced 40 Premium Antifreeze Coolant, always follow the recommended safety guidelines and wear suitable personal protective equipment. When used correctly and as intended, this product is not expected to pose any significant health or safety risks.
Refer to the Safety Data Sheet (SDS) available at www.haertol.de

Avoid any release into the environment. Spilled or leaked product should be contained immediately, if it can be done safely, and absorbed with inert material. Contaminated wash water and residues must be collected and disposed of in accordance with applicable local, national, and international regulations.
In case of large-scale contamination, prevent further spreading through containment measures; if the material cannot be controlled, notify the relevant authorities immediately.
Use suitable, approved containers for the storage and disposal of absorbed or pumped-off material.
Observe all legal requirements when disposing of auxiliary materials. Proper recycling and disposal contribute to environmental protection. Do not discharge into drains, soil, or watercourses.
We recommend storing all containers under cover. Products must not be stored at temperatures below 0 °C or above 60 °C. Protect from direct sunlight.

**Contact**
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