

PRODUCT INFORMATION



Valvoline™ OEM Advanced 48 Premium Antifreeze Coolant

Valvoline OEM Advanced 48 Premium Antifreeze Coolant is a premium-grade coolant developed by Valvoline, based on Si-Organic Acid (Si-OAT) technology for passenger cars, trucks, buses, and off-road applications.

Valvoline OEM Advanced 48 is a high-quality antifreeze/coolant suitable for passenger cars, light commercial vehicles, and heavy-duty applications. The ethylene glycol-based formulation is designed for all types of engines. It is a low-silicate, low-pH, phosphate-free coolant technology that protects all cooling system metals, including aluminum, from corrosion.

When diluted 50 % with demineralized water, **Valvoline OEM Advanced 48 protects** modern engine components from freezing in winter and overheating in summer. The following table provides detailed mixing information.

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

Valvoline OEM Advanced 48: Manufacturer approvals	
BMW LC87bn	Mercedes Benz 325.0 / 326.0
Deutz DQC CA-14	MTU MTL 5048
DTFR 29C100 / DTFR 29D100	Tesla
Liebherr LH-00-COL3A	Volvo Truck TR1286083, TL 774-D/F
MAN 324 Type NF	

Valvoline OEM Advanced 48 meets or exceeds the following specifications	
ASTM D3306	Jenbacher TA-Nr. 1000-0201
B ASTM D4985	Saab 690 1599
Detroit Diesel 7SE298	SAE J814 / J1034 / J1941
Federal Specification A-A-870A	TMC of ATA RP-302B
GM1899M / 1825M	

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Valvoline OEM Advanced 48: Typical properties	
Appearance & Colour	Clear blue-green 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/cm ³ , ASTM D-1122	1.121 – 1.123
pH value*, ASTM D-1287"	7.1 – 7.3
Storage stability	8.0 – 8.5
Appearance & Colour	Up to 5 years

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

Health and Safety

When handling **Valvoline OEM Advanced 48 Premium Antifreeze Coolant**, always follow the recommended safety instructions and wear suitable personal protective equipment. When used correctly and in accordance with the intended application, this product is not expected to present 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 the case of large-scale contamination, prevent further spreading through containment measures; if the material cannot be controlled, notify the responsible 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 packages under cover. Products must not be stored at temperatures below 0°C or above 60°C. Protect from direct sunlight.

Contact

If you have any **questions**, please contact the technical team at **HAERTOL Chemie GmbH**:

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