



Permatype | OAT Antifreeze ready to use

Property

- outstanding seal compatibility
- long-term ready-to-use ethylene glycol-based antifreeze
- provides excellent protection for engines and cooling systems in all common metals (including aluminium) against corrosion, overheating, frost and deposits
- inhibitor package based on silicate organic acids technology (Si-OAT)
- amine, nitrite, phosphate and borate-free

Application area

- especially suitable for all brands in the Volkswagen Group (also backward compatibility with earlier standards)
- long life protection for at least 850,000 km (approx. 17,000 hours) in commercial vehicles, 350,000 km (approx. 7,000 hours) in cars and over 20,000 hours or up to 5 years in stationary engines and units
- freezing point: -38°C

Note

- Technical data subject to change without notice. Please observe the vehicle or machine manufacturer's directions. Please refer to the safety data sheet for further information.

Typical properties

Property	Unit	Value
Color	-	pink
Density @ 20°C	kg/l	1.05

Available packaging

1 L bottle	Case 12 x 1 L bottles
65 kg drum (approx. 62 L)	210 kg drum (approx. 200 L)

Specifications

AFNOR 15-601
AS 2108-2004
ASTM D3306, D4985, D6210
BS 6580
Case New Holland CNH MAT 3624
China 29743-2013
Cummins CES 14439, 14603
CUNA NC 956-16
DAF 74002
Deutz DQC CA-14*, CB-14*, CC-14
DTFR 29C100, 29C110, 29C120
Fiat 9.55523
Ford ESD-M97B49-A, M97B44-D
JIS K2234
Liebherr LH-01-COL3A
MAN 324 Typ Si-OAT*, Si-OAT plus
MB 325.0, 325.3, 325.5, 325.6
MTU MTL 5048
ÖNORM V 5123
Renault RVI 41-01-001/--S Type D
SAE J1034
SANS 1251:2005
Scania TB 1451
Volvo VCS
VW TL 774-D/G12*, 774-F/G12+*, 774-G/G12+*, 774-J/G13*, 774-L/G12evo

* Additional Specifications