



TECTROL

TECTROL COOLPROTECT

Long-term engine coolant for combustion engines based on ethylene glycol, free from amines, nitrites and phosphates

TECTROL COOLPROTECT is a long-term engine coolant for combustion engines of utility vehicles, construction vehicles and agricultural machines, cogeneration units and passenger cars based on ethylene glycol.

TECTROL COOLPROTECT contains an inhibitor package based on silicate, borate and salts of organic acids (hybrid coolant) according to the established standards G 11 and radiator protection 48. This highly effective additive technology ensures sufficient protection against cold in winter and reliably protects against deposits, cavitation and corrosion. Seals, plastics and hose lines are protected.

TECTROL COOLPROTECT is free from amines, nitrites and phosphates. The special product properties provide maximum protection for all materials in the cooling system.

Benefit	Use
Special additive technology (hybrid)	Protection against deposits and corrosion
Rationalization variety	Perfectly suited for a mixed fleet
Formulation containing silicate	Excellent protection of aluminium components

Issuing body;
BayWa AG, München
Energie
Technical Purchasing Lubricants
Telephone: +49 89 288511-766

The energy segment of BayWa AG is certified

DIN EN ISO 9001: 2008
This certificate guarantees a consistently high quality standard throughout the supply chain from manufacturers and retailers all the way to consumers.

All data and information is provided based on our current level of knowledge as of: 02.02.15

Any previous versions are invalid. Subject to change without notice. For further details and information, please visit www.tectrol.de.



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Performance profile (tried and tested in units with fluid specifications)

Approvals

CAT CG132/CG170/CG260
Deutz H-LV 0161 0188
MAN 324 Typ NF
MB-Approval 325.0
MTU
MWM TR 0199-99-2091/9

Specifications

AFNOR NF R 15-601
ASTM D 3306/D 4985
ÖNORM V 5123
SAE J1034

Recommendations for use

84.12.22.63-2001-2
BMW N 600 69.0
Jenbacher
Opel B 040 0240
Saab 6901599
TL 6850-0038/1
TLV 035/TLV 23009 A
VW TL 774-C

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Instructions for use

Use clean water which is not too hard to prepare the radiator protection agent. Mine water, sea water, brackish water, brine and industry water are not suitable. The analysis values of the water may not exceed the following limits:

Water hardness: 0-20° dH (0-3.6 mmol/l)

Max. chloride content: 100 ppm

Max. sulphate content: 100 ppm

Storage stability:

In air-tight packaging, TECTROL COOLPROTECT can be stored for at least 5 years. For corrosion protection reasons, the product should not be stored in galvanized containers.

We recommend observing the aggregate manufacturer's instructions.

mixture ratio

Part TECTROL COOLPROTECT	Part water	Antifreeze protection up to
1	2	Min. -20°C
1	1,5	Min. -27°C
1	1	Min. -40°C

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Specifications (average values)		
Specific value	Typical value	Test method
density at 20°C	1.122 g/ml	DIN 51 757
flash point	>120 °C	DIN ISO 2592
boiling point	>165 °C	ASTM D 1120
pH value	7.2	ASTM D 1121
colour	blue/green	visual
water content	max. 3.5 %	DIN 51 777 - 1

Product Information

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