



**Ready to use cooling liquid / Anti-corrosion & antifreeze
Protection -25°C / -13°F
Technology Organic Tech
Nitrite free / Amine free / Phosphate free / Borate free / Silicate
free**

TYPE OF USE

MOTUL AUTO COOL OPTIMAL -25°C is a ready to use long life cooling liquid, based on monoethyleneglycol, using an Organic Acid Technology (OAT) additivation named Organic Tech.
Strongly recommended for all cooling systems: passenger cars, heavy duty, construction and agriculture vehicles, gardening, ships, stationary engines, ...

PERFORMANCES

STANDARDS AND MANUFACTURER SPECIFICATIONS: Refer to chart.

Contains a bitterness agent to prevent from drinking: coolants and antifreezes have a sweet taste but are harmful.

Optimal protection of cooling systems against freezing and metallic parts against corrosion.

OAT coolant technology provides an excellent thermal exchange and therefore improves engine cooling efficiency and prevents from boiling.

This organic technology provides anti-corrosion properties that remain at high temperature and aging. Low corrosion inhibitors consumption allows extended drain intervals. Water pumps protection, avoid cavitation.

Seals, hoses, pipes and plastic parts friendly.

RECOMMENDATIONS

Ready to use, do not add any water.

Drain intervals: Refer to the manufacturers' recommendation.

Do not mix with organic products.

This product should not be used to protect drinking water systems against freezing.

Attention, control or drain the coolant only when the engine is cold.

Dangerous. Respect the use and handling recommendations.



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PROPERTIES

Color	Visual	Orange Fluo
Density at 20°C (68°F)	ASTM D5931	1.056
pH	ASTM D1287	8.6
Freezing point	ASTM D3321	-26.5 °C / -15.0 °F
Freezing protection		-25.0 °C / -13.0 °F
Alkalinity reserve	ASTM D1121	2.8 mg KOH/g
Boiling point	ASTM D1120	136°C / 277°F (+1.5 bar)



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STANDARDS	
ASTM STANDARD	D3306, D4656
BRB	BR 637
BRITISH STANDARD	BS 6580
FVV STANDARD	Germany FVV Heft R443
KOREAN STANDARD	KSM 2142
MIL STANDARD	MIL-Belgium BT-PS-606 A, MIL-France DCSEA 615/C, MIL-Italy E/L-1415b
NATO	STANDARD: S-759
UNE STANDARD	26-361-88/1
OE PERFORMANCES	
AUDI	TL-774 D = G 12, TL-774 F = G 12+
CUMMINS	IS series & N14
DAF	74002
DETROIT DIESEL	Power Cool Plus
DEUTZ	0199-99-1115, MWM 0199-99-2091
FIAT	9.55523
FORD	WSS M97 B44 D
GENERAL MOTORS	GM 6277M (+B040 1065), VAUXHALL QL 130100
Jaguar / Land Rover	JAGUAR WSS M97 B44 D, JAGUAR CMR 8229
JOHN DEERE	JDM H5
KOMATSU	07.892 (2007)
LAND ROVER	WSS M97 B44 D
LEYLAND	DW03245403
LIEBHERR	MD1-36-130
MACK	014 GS 17009
MAN	324 typ SNF, D36 5600
MAZDA	MEZ MN 121 D
MERCEDES-BENZ	MB 325.3
MINI	WSS M97 B44 D
MITSUBISHI	JQ07913-014
MTU	MTL 5048
MWM	DEUTZ MWM 0199-99-2091
OPEL	GM 6277M (+B040 1065)
RENAULT	41-01-001/--S Type D
SAAB	GM 6277M (+B040 1065)
SEAT	TL-774 D = G 12, TL-774 F = G 12+
SKODA	TL-774 D = G 12, TL-774 F = G 12+
VAUXHALL	GM 6277M (+B040 1065), GENERAL MOTORS VAUXHALL QL 130100
VOLVO	128 6083 / 002

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development. br>

Product specifications are definitive from the order which is subject to our general conditions of sale and warranty. Made in FRANCE

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VW	TL-774 D = G 12, TL-774 F = G 12+
WÄRTSILÄ	32-9011, 32-9011
PRODUCTS	
MAK	A4.05.09.01
SACM DIESEL	DLP799861
ULSTEIN BERGEN	2.13.01