



Ready to use cooling liquid / Anti-corrosion & antifreeze
Protection -37°C / -35°F
Technology Organic Tech
Nitrite free / Amine free / Phosphate free / Borate free / Silicate free

TYPE OF USE

MOTUL AUTO COOL OPTIMAL -37°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 non-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.

PROPERTIES

Color

Visual

Orange Fluo

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

MOTUL - 119 Bd Félix Faure - 93303 - Aubervilliers Cedex - BP 94 - Tel: 33 1 48 11 70 00 - Fax: 33 1 48 33 28 79 - www.motul.com



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Density at 20°C (68°F)	ASTM D4052	1.068
pH	ASTM D1287	8.4
Initial crystallization	ASTM D1177	-38.0 °C / -36.0 °F
Freezing protection		-37.0 °C / -35.0 °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	1578391999953
BRB	1515087915721
BRITISH STANDARD	1575455712953
FVV STANDARD	1515088046614
KOREAN STANDARD	1515088104334
MIL STANDARD	1515406851383, 1517492552474, 1517492578193
NATO	1515088207477
UNE STANDARD	1515088252900
OE PERFORMANCES	
	1515084174470
	1515084293457
	1515084359146
	1515084436819, 1517492056433
	1517492056433
	1515405228244
	1515084535540
	1519666083361
	1519666047627, 1517394372468
	1519666261408
	1519665886955, 1517394372468
	1515084672043
	1515084715872
	1515084762670
	1515084884688, 1517393081950
	1515085560484
	1515085864256
	1578322826391
	1515085964524
	1515086016103
	1515086104495, 1589450116872, 1515086104495
	1519748562756
	1518015652490
	1518015711990
	1518093685107, 1518093648841
	1515087559354, 1517504739494
	1515087609699, 1517494497779, 1517494524248
	1515087636590, 1519749502786
	1517494805436
Jaguar / Land Rover	1515086956138, 1518093774451

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PRODUCTS	
MAK	1589443955478
SACM DIESEL	1578391101685
ULSTEIN BERGEN	1515087124782