

AUTO COOL EXPERT ULTRA

**Concentrated antifreeze
Anti-corrosion & antifreeze
Technology Hybrid Tech
Nitrite free / Amine free / Phosphate free**

TYPE OF USE

MOTUL AUTO COOL EXPERT ULTRA is a concentrated long life antifreeze that should be mixed with soft water for immediate use as a coolant liquid, based on monoethyleneglycol hybrid organic / non organic mix additive technology, named Hybrid Tech. This product can be mixed with all monoethyleneglycol based coolants.
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.

Protects the cooling system from freezing and metallic parts from corrosion.

Provides an excellent thermal exchange and therefore improves engine cooling efficiency.

Both silicates and organic acids provide anti-corrosion properties that remain while aging.

Seals, hoses, pipes and plastic parts friendly.

RECOMMENDATIONS

Do not use pure product. Mix with soft water according to the required freezing protection: refer to chart To maintain anti-corrosion properties, do not dilute below 33%. Water for dilution: If possible, use soft water: Maximum hardness 35°F and chlorides and sulfates maximum contain 50 ppm. Drain intervals: Refer to the manufacturers' recommendation. Attention, control or drain the coolant only when the engine is cold. This product should not be used to protect drinking water systems against freezing. Dangerous. Respect the use and handling recommendations.

PROPERTIES

Color	Visual	Dark blue green
Density at 20°C (68°F)	ASTM D4052	1.125

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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Sulfated Ash	ASTM D1119	1.30 %
Alkalinity reserve	ASTM D1121	16.0 mg KOH/g
Boiling point	ASTM D1120	174.0 °C / 345.0 °F

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STANDARDS	
ASTM STANDARD	1515087958456, 1517504516350
BRITISH STANDARD	1575455712953
FRENCH STANDARD	1515406344288
FVV STANDARD	1515088046614
JAPANESE STANDARD	1517503929739
JASO	1578392108015
KOREAN STANDARD	1515088104334
MIL STANDARD	1515406851383, 1517492552474, 1517492578193, 1517492598631, 1517492622912
NATO	1515088207477
SAE	1515407026224
SWISS FED. LAB	1515407053551
OE PERFORMANCES	
	1515404892643
	1515404954191
	1515405056053
	1515405121523, 1518096829849
	1515405228244
	1515405272260
	1515405337902
	1518015711990, 1518015711990
	1517394372468
	1517394372468
	1519826681659
	1515405542235
	1515405600220
	1515405748630
	1578322826391
	1515405853570
	1515405914743
	1515405956275
	1515406151702
	1515405992026

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