



MOTUL AUTO COOL EXPERT



Ready to use cooling liquid
Anti-corrosion & antifreeze, protection -37°C / -35°F
Technology Hybrid Tech
Nitrite free / Amine free / Borate free

TYPE OF USE

MOTUL AUTO COOL EXPERT -37°C is a long life ready to use cooling liquid, based on monoethyleneglycol, using hybrid organic / non organic mix additive technology, named Hybrid Tech. This product can be mixed with all monoethyleneglycol based coolants. Ideal for top-up.

Recommended for all cooling systems: passenger cars, heavy duty, construction and agriculture vehicles, gardening, ships, stationary engines, ...

Particularly recommended for the cooling circuits of VAG group vehicles (VOLKSWAGEN, AUDI, SKODA and SEAT) when a coolant meeting the VW G12 EVO standard (VW TL 774 L) is required.

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.

The Hybrid Tech technology promotes heat transfer for better cooling and therefore better engine operation. Based on the Si-P-OAT synergy of Silicates, Phosphates and Organic acids, it guarantees effective anti-corrosion protection over time and stable properties that remain while aging.

Seals, hoses, pipes and plastic parts friendly.

This Hybrid technology meets the latest VW G12 EVO specification (VW TL 774 L) and is compatible and miscible with coolants meeting all previous VW specifications: G11 (VW TL 774 C), G12 (VW TL 774 D), G12+ (VW TL 774 F), G12++ (VW TL 774 G) and G13 (VW TL 774 J).

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

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

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RECOMMENDATIONS

Ready to use, do not add any water.
Drain intervals: Refer to the manufacturers' recommendation.
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	Dark blue green
Density at 20°C (68°F)	ASTM D1121	1.072
pH	ASTM D1287	8.2
Initial crystallization	ASTM D1177	-36.0 °C / -33.0 °F
Freezing protection		-37.0 °C / -35.0 °F
Boiling point	ASTM D1120	137.0 (+1.5 bar) °C / 279.0 (+1.5 bar) °F

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STANDARDS	
AFNOR	NF R 15-601-20
ASTM STANDARD	D3306
BRITISH STANDARD	BS 6580
China Standards	GB 29743
ÖNORM Standards	V5123
	JIS 2234
OEM PERFORMANCES	
AUDI	G13 (VW TL 774 J), TL-774 C = G 11, TL-774 D = G 12, TL-774 F = G 12+, TL-774 G = G 12++, TL-774 L = G 12 EVO
BMW	LC-18, LC-87, LC-97
CASE IH	JIC-501
CHRYSLER	MS 7170
CUMMINS	85T8-2
DEUTZ	DQC CA-14
FIAT	9.55523
FORD	ESD-M97B49-A, MU7J 19544 CA
IVECO	18-1830
MAN	324 type NF, 324 type Si-OAT
MERCEDES-BENZ	MB 325.5
MTU	MTL 5048
MWM	0199-99-2091/12
OPEL	GME L1301
ROLLS-ROYCE	MTL 5048
SEAT	G13 (VW TL 774 J), TL-774 C = G 11, TL-774 D = G 12, TL-774 F = G 12+, TL-774 G = G 12++, TL-774 L = G 12 EVO
SKODA	G13 (VW TL 774 J), TL-774 C = G 11, TL-774 D = G 12, TL-774 F = G 12+, TL-774 G = G 12++, TL-774 L = G 12 EVO
TOYOTA	1WW/2WW Engines
VAUXHALL	GME L1301
VOLVO	128 6083 / 002
VW	G13 (VW TL 774 J), TL-774 C = G 11, TL-774 D = G 12, TL-774 F = G 12+, TL-774 G = G 12++, TL-774 L = G 12 EVO