



# AUTO COOL G13 ULTRA

**Concentrated VW antifreeze**

**Anti-corrosion & antifreeze  
Technology Lobrid Tech**

**Nitrite free / Amine free / Phosphate free / Borate free**

## **TYPE OF USE**

MOTUL AUTO COOL G13 ULTRA is a concentrated long life antifreeze that must be mixed with soft water for immediate use as a cooling liquid, based on monoethylene glycol and glycerol, using an hybrid organic / non organic mix additive technology, named Lobrid Tech.

Especially recommended for cooling systems of VAG group (VOLKSWAGEN, AUDI, SKODA and SEAT) passenger cars and light duty vehicles when coolant meeting requirements of G13 standard (VW TL 774 J) is required.

## **PERFORMANCES**

STANDARDS AND MANUFACTURER SPECIFICATIONS: G13 (VW TL 774 J)

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

Optimal protection of VAG group engine cooling systems. The Lobrid technology brings optimal protection for all engine metallic parts including aluminum and non-ferrous components. High performance additives protect against freezing, overheating, corrosion and scale.

This Lobrid technology meets the requirements of G13 (VW TL 774 J) specifications and is compatible with coolants meeting former specifications: G12 (VW TL 774 D), G12+ (VW TL 774 F), G12++ (VW TL 774 G).

Provides aluminum reinforced protection at high temperature. Eliminates the risk of scaling and deposits in the cooling system. Avoids cavitation and increases water pump lifetime.

Compatible with gaskets, hoses, and plastic components.

Can be mixed with ethylene glycol based coolants.

## **RECOMMENDATIONS**

Do not use pure product. Dilute with soft water according to the required freezing protection: see table.

To maintain anti-corrosion properties, do not dilute below 33% of antifreeze.

For optimal cooling effect, do not dilute above 66% of antifreeze.

To be used for top-up or complete renewal of the cooling circuit for improved efficiency.

Water for dilution: if possible, use soft water (maximum hardness 35°F and chlorides and sulfates maximum contain 500 ppm).

Drain intervals: Refer to the manufacturers' recommendation.

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

Can be mixed with ethylene glycol based coolants.

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

Dangerous. Respect the use and handling recommendations.

## PROPERTIES

Nitrite free, Amine free, Phosphate free, Borate free.

Color	Visual	Pink
Density at 20°C / 68°F	ASTM D5931	1.141
Boiling Temperature	ASTM D1120	179°C / 354°F

## RECOMMENDATIONS

ANTIFREEZE PROTECTION	AUTO COOL G13 ULTRA
<b>T °C / T °F</b>	<b>%</b>
-16°C / 3°F	33%
-22°C / -8°F	40%
-35°C / -31°F	50%
-50°C / -58°F	66%

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.

MOTUL - 119 Bd Félix Faure - 93303 Aubervilliers Cedex - BP 94 - FRANCE. Tel: 33 1 48 11 70 00 - Fax: 33 1 48 33 28 79 - Web Site: [www.motul.com](http://www.motul.com)