



## **AVALANCHE G130**

### **LOW SILICATE HYBRID (LOBRID)**

#### **PRODUCT DESCRIPTION:**

Avalanche G130 is a coolant additive concentrate based on mono ethylene glycol and glycerol. It has a combination of active agents which is formulated using an ingenious selection of inhibitors based on hybrid technology. Avalanche G130 is free of nitrites, amines and phosphates and contains a performance anti-corrosion inhibitor system, based on silicates combined with proven OAT (Organic acid technology). It offers great protection to modern passenger cars as well as commercial vehicle engines against frost, corrosion and overheating across its entire engine service life. Avalanche G130 fulfills the requirements of VW coolant specification VW TL 774-J (G13).

#### **APPLICATION:**

Avalanche G130 must be diluted with water before filling into cooling system. We recommend distilled or demineralized water for this. Depending on water hardness and quality (hardness not greater than 3.6 mmol/l), dilution with tap water is also possible. Avalanche G300 should be blended with water in a concentration amongst 33% to 60% by volume prior to infilling. The usage of a 50/50 ratio for the mixture of water and Avalanche G130 is generally advisable.

Analysis values of the water may not exceed the following threshold values:

Water hardness: 0 – 3.6 mmol/l  
Chloride content: max. 100 ppm  
Sulfate content: max. 100 ppm

#### **FEATURES & BENEFITS:**

- Contains renewable raw materials.
- Contains no amines, nitrites and phosphates.
- Suitable for aluminum as well as cast iron engines.
- Anti-cavitation, preventing foam and the retention of air, ensuring the good performance of the pump.
- Prevents the build-up of deposits, keeping the cooling system clean.
- Extended protection

#### **AVALANCHE G130 FULFILLS THE FOLLOWING COOLANT STANDARDS:**

- AASTM D 3306

#### **PERFORMANCE LEVELS / MEETS OR EXCEEDS:**

- Volkswagen TL-774 J (G13)

#### **TYPICAL PROPERTIES:**

PARAMETERS	ASTM	UNIT	AVALANCHE G130
			AVALANCHE G130 Concentrate
pH	D1278	cSt	8.5
Freezing Point	D1177	°C	N/A
Boiling Point	D1120	cSt	178
Density at 15.5C	D4052	g/cm3	TBR

#### **HEALTH & SAFETY, ENVIRONMENT:**

Prolonged and repeated contact with antifreeze may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used antifreeze in to drains or the environment. For further Information on Safety Guidelines please refer to MSDS available on our website [www.lubrex.net](http://www.lubrex.net)

#### **HEALTH & SAFETY:**

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.lubrex.net](http://www.lubrex.net)

#### **PROTECT THE ENVIRONMENT:**

Comply with local regulation. Do not discharge into drains, soil or water.

#### **STORAGE:**

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

™ Trademark of LUBREX, registered in various countries © 2005

All statements, information and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee, an express warranty or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which LUBREX and its affiliates assume legal responsibility.