



## GLACIER G130

LOW SILICATE HYBRID (LOBRID)

### PRODUCT DESCRIPTION:

GLACIER G130 is a high-performance coolant additive concentrate formulated with mono ethylene glycol and glycerol. Utilizing a hybrid technology inhibitor system, it combines silicates with proven Organic Acid Technology (OAT) for enhanced protection. Free from nitrites, amines, and phosphates, GLACIER G130 provides exceptional defense against frost, corrosion, and overheating, ensuring optimal engine performance throughout its service life. Designed for modern passenger cars and commercial vehicles, it meets the stringent VW TL 774-J (G13) coolant specification.

### APPLICATION:

GLACIER 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. GLACIER 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 GLACIER 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

### GLACIER G130 FULFILLS THE FOLLOWING COOLANT STANDARDS:

- AASTM D 3306

### PERFORMANCE MEET OR EXCEEDS:

- Volkswagen TL-774 J (G13)

### TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	GLACIER G130
			GLACIER 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

**DISCLAIMER:** The test data presented above is indicative and not a strict specification, as it may vary within acceptable production tolerances. Internal reserves the right to update or modify this test data. For the most accurate and current information, please refer to the latest version of this Technical Data Sheet (TDS).

### HEALTH & SAFETY, ENVIRONMENT:

Continuous or repeated exposure to oil may lead to skin problems. Avoid contact with the oil. In case of contact, wash thoroughly with soap and water. Do not dispose of used oil in drains or the environment. Dispose of it at an authorized used oil collection point. For additional safety information, please refer to the MSDS available on our website at [www.internal.net](http://www.internal.net).

### PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.