



BOREAS G130

LOW SILICATE HYBRID (LOBRID)

PRODUCT DESCRIPTION:

BOREAS G130 is a concentrated coolant additive made with mono ethylene glycol and glycerol. It features a hybrid technology formulation that combines silicate-based inhibitors with proven Organic Acid Technology (OAT). Free from nitrites, amines, and phosphates, BOREAS G130 includes a high-performance anti-corrosion inhibitor system. It provides excellent protection for modern passenger cars and commercial vehicle engines against frost, corrosion, and overheating throughout the engine's service life. BOREAS G130 meets the requirements of VW coolant specification VW TL 774-J (G13).

APPLICATION:

BOREAS 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. BOREAS 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 BOREAS 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

BOREAS G130 FULFILLS THE FOLLOWING COOLANT STANDARDS:

- AASTM D 3306

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- Volkswagen TL-774 J (G13)

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	BOREAS G130
			BOREAS 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 provided above is for reference purposes and is not a strict specification, as variations within acceptable production tolerances may occur. Phoenix reserves the right to update or revise this test data. For the most accurate and up-to-date information, please consult the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website Phoenixlubricants.com