



AQUENT G13

LOW SILICATE HYBRID (LOBRID)

PRODUCT DESCRIPTION:

AQUENT G13 is a coolant additive concentrate based on monoethylene glycol and glycerol, formulated with a unique combination of active agents using hybrid technology. It is free from nitrites, amines, and phosphates and features a performance anti-corrosion inhibitor system based on silicates and proven Organic Acid Technology (OAT). AQUENT G13 offers excellent protection for modern passenger cars and commercial vehicle engines against frost, corrosion, and overheating, ensuring reliable engine performance throughout its entire service life. It meets the requirements of the VW coolant specification VW TL 774-J (G13).

APPLICATION:

AQUENT G13 must be diluted with water before adding it to the cooling system. It is recommended to use distilled or demineralized water for dilution. If tap water is used, ensure the water hardness does not exceed 3.6 mmol/l. AQUENT G13 should be mixed with water at a ratio of 33% to 60% by volume before filling into the system. A 50/50 mix of AQUENT G13 and water is generally advisable for optimal performance.

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

AQUENT G13 FULFILLS THE FOLLOWING COOLANT STANDARDS:

- ASTM D 3306

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- Volkswagen TL-774 J (G13)

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	AQUENT G13
			AQUENT G13 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 for reference only and not a specification. It may vary within acceptable production tolerances. Alpha reserves the right to update this data, with the latest version of the Technical Data Sheet (TDS) taking precedence over previous versions.

HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil may lead to skin issues. Avoid contact. If contact occurs, wash immediately with soap and water. Do not dispose of used oil in drains or the environment. Instead, take it to an authorized oil collection facility. For more safety information, please refer to the MSDS available on our website: www.alphaoil.ae

HEALTH & SAFETY:

When used correctly in the recommended application and with proper personal hygiene, this product is unlikely to pose significant health or safety risks. For detailed safety information, refer to the Safety Data Sheet (SDS), available upon request from your local sales office or online. www.alphaoil.ae

PROTECT THE ENVIRONMENT:

Dispose of used oil at an authorized collection point. Follow local regulations and avoid releasing it into drains, soil, or water.

STORAGE:

We recommend storing all packages under cover. If outdoor storage is necessary, drums should be placed horizontally to prevent water ingress and protect drum markings. Products should not be stored above 60°C or exposed to direct sunlight or freezing conditions.