



AQUENT G11

SILICATE TYPE HYBRID TECHNOLOGY

PRODUCT DESCRIPTION:

AQUENT G11 is an antifreeze coolant concentrate based on monoethylene glycol. It is free from nitrites, amines, and phosphates and combines both inorganic and organic corrosion inhibitors, classifying it as a hybrid-type coolant. AQUENT G11 is designed to protect modern engines in passenger cars and commercial vehicles from cavitation, freezing, rust, and overheating. Its highly effective corrosion inhibitors prevent corrosion and deposits on all metals within the cooling system, ensuring long-lasting protection. AQUENT G11 meets the VW coolant specification VW TL 774-C (G11) and provides a service life of 7 years or 450,000 km.

APPLICATION:

AQUENT G11 must be diluted with water before filling the cooling system. Distilled water is recommended for dilution. If tap water is used, ensure that the water hardness does not exceed 3.6 mmol/l. AQUENT G11 should be mixed with water at a concentration ranging from 33% to 60% by volume before use. A 50/50 mixture of AQUENT G11 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:

- Outstanding corrosion protection
- Contains no amines, nitrites or phosphates
- Universal application at passenger cars and commercial vehicles as well if a silicate based coolant is required.
- 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.
- Long life service product

AQUENT G11 fulfills the following coolant standards:

AS 2108-2004, ASTM D 3306, ASTM D 4985, BS6580:2010, CUNA NC 956-16, AFNOR NFR 15-601, JIS K 2234:2206, PN-C 40007:2000, SAE J1034, ÖNORM V 5123, SANS 1251:2005 and China GB 29743-2013

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

• Audi TL 774-C • BMW GS 94000 • Deutz TR-0199-99-1115 • Deutz DQC CA-14 • MAN 324 NF • MB 325.0 • MB 325.2 • MB-326.0 (Ready Mix) • MTU MTL 5048 • Opel B 040 0240 • Seat TL 774-C • Skoda TL 774-C • VW TL 774-C • Volvo Trucks TR 1286083 • Voith Turbo 172.00225010

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	AQUENT G11	
			AQUENT G11 Concentrate	AQUENT G11 (50% Ready Mix)
pH	D1278	cSt	8.1	8
Freezing Point	D1177	°C	N/A	-37
Boiling Point	D1120	cSt	170	108
Density at 15.5C	D4052	g/cm3	TBR	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.