



## ACE G300

### ORGANIC ACID TECHNOLOGY

#### PRODUCT DESCRIPTION:

ACE G300 is a long-life antifreeze coolant concentrate based on mono ethylene glycol for heavy-duty applications as well as passenger cars and stationary combustion engines. It prevents highly loaded engines fitted to passenger cars and commercial vehicles from frost, overheating, corrosion and cavitation. ACE G300 provides protection to the entire cooling system and prevents corrosion on all metals commonly found in engine cooling systems, especially aluminum. ACE G300 fulfills the requirements of VW coolant specification VW TL 774-D/F (G12, G12+) and provides a service life of 7 years / 450,000 Km. ACE G300 is free of nitrites, amines, silicates, and phosphates and blending using the highly efficient OAT (Organic Acid Technology).

#### APPLICATION:

ACE G300 must be diluted with water before filling into cooling system. We recommend distilled water for this. Depending on water hardness and quality (hardness not greater than 3.6 mmol/l), dilution with tap water is also possible. ACE 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 ACE G300 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:

- Perfect for engines, cylinder heads and radiators made from aluminum
- Contains no amines, nitrites, phosphates or silicates
- Universal usability (passenger cars, truck and stationary engines)
- Anti-cavitation, preventing foam and the retention of air, ensuring the good performance of the pump.
- Prevents the buildup of deposits, keeping the cooling system clean.
- Long life service product

#### AAE G300 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-D/F, Bentley TL 774-D/F, DAF MAT 74002, Deutz QDC CB-14, Ferrari (> 2010), Lamborghini TL 774-D/F, MAN 324 SNF, MB 325.3, MB 326.3 (Ready Mix), Mini LC-07, MTU MTL 5048, Porsche TL 774-D/F, Seat TL 774-D/F, MB 326.3 (Ready Mix), Skoda TL 774-D/F, Volkswagen VW TL 774-D/F, TOYOTA TSK 2601G-8A, GM 6277M, PSA B71 5110, FORD WSS-M97B44-D

#### TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	ACE G300	
			ACE G300 Concentrate	ACE G300 (50% Ready Mix)
pH	D1278	cSt	8.5	8.3
Freezing Point	D1177	°C	N/A	-37
Boiling Point	D1120	cSt	170	108
Density at 15.5C	D4052	g/cm <sup>3</sup>	TBR	TBR

#### DISCLAIMER:

The test data mentioned above is not a definitive specification but serves as an indication and may fluctuate within acceptable production tolerances. Venom retains the right to alter this test data. Any updated information will replace previous versions, so please consult the latest Technical Data Sheet (TDS).

#### HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil can lead to skin conditions. Please avoid contact. If you do come into contact with oil, wash the affected area immediately with soap and water. Do not dispose of used oil down drains or into the environment; instead, take it to an authorized used oil collection point.

#### HEALTH & SAFETY:

This product is unlikely to pose significant health or safety risks when used properly in the recommended application and with good personal hygiene practices. For more information, please refer to the Safety Data Sheet (SDS), which is available upon request from your local sales office.

#### PROTECT THE ENVIRONMENT:

Please take used oil to an authorized collection point and adhere to local regulations. Do not discharge it into drains, soil, or water.

#### STORAGE:

We recommend storing all packages in a covered area. If outdoor storage is necessary, drums should be positioned horizontally to prevent water ingress and protect the markings. Products should never be stored above 60°C or exposed to direct sunlight or freezing temperatures.