



AVALANCHE G300
ORGANIC ACID TECHNOLOGY

PRODUCT DESCRIPTION:

Avalanche G300 is a long life antifreeze coolant concentrate based on mono ethylene glycol for heavy duty application as well as passenger cars and stationary combustion engines. Avalanche G300 is free of nitrites, amines, silicates and phosphates and is formulated using the highly efficient OAT (Organic Acid Technology). It prevents highly loaded engines fitted to passenger cars and commercial vehicles from frost, overheating, corrosion and cavitation. Avalanche G300 provides protection to the entire cooling system and prevents corrosion on all metals commonly found in engine cooling systems, especially aluminum. Avalanche 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.

APPLICATION:

Avalanche 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. Avalanche 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 Avalanche G300 is generally advisable.

Analytical 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

AAVALANCHE 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 DQC 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/
- 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 PROPERTIES:

PARAMETERS	ASTM	UNIT	AVALANCHE G300	
			AVALANCHE G300 Concentrate	AVALANCHE 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/cm3	TBR	TBR

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with antifreeze may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used antifreeze in to drains or the environment. For further Information on Safety Guidelines please refer to MSDS available on our website www.lubrex.net

HEALTH & SAFETY:

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet www.lubrex.net

PROTECT THE ENVIRONMENT:

Comply with local regulation. Do not discharge into drains, soil or water.

STORAGE:

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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