



GLACIER G300

ORGANIC ACID TECHNOLOGY

PRODUCT DESCRIPTION:

GLACIER G300 is a premium long-life antifreeze coolant concentrate formulated with mono ethylene glycol for heavy-duty applications, passenger cars, and stationary combustion engines. Free from nitrites, amines, silicates, and phosphates, it utilizes highly efficient Organic Acid Technology (OAT) for superior performance. GLACIER G300 protects high-performance engines from frost, overheating, corrosion, and cavitation. It ensures comprehensive protection for the entire cooling system, with a particular focus on preventing corrosion on all common metals, including aluminum. Meeting the requirements of VW TL 774-D/F (G12, G12+), it offers a service life of up to 7 years or 450,000 km.

APPLICATION:

GLACIER 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. GLACIER 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 GLACIER 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 build-up of deposits, keeping the cooling system clean.
- Long life service product

GLACIER G400 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
- China GB 29743-2013

PERFORMANCE MEET 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	GLACIER G300	
			GLACIER G300 Concentrate	GLACIER 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

DISCLAIMER: The test data presented above is indicative and not a strict specification, as it may vary within acceptable production tolerances. Internal reserves the right to update or modify this test data. For the most accurate and current information, please refer to the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Continuous or repeated exposure to oil may lead to skin problems. Avoid contact with the oil. In case of contact, wash thoroughly with soap and water. Do not dispose of used oil in drains or the environment. Dispose of it at an authorized used oil collection point. For additional safety information, please refer to the MSDS available on our website at www.internal.net.

PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.