ACE G400

SOAT – SILICATED ORGANIC ACID TECHNOLOGY

PRODUCT DESCRIPTION:
ACE G400 is an Ethylene Glycol based, anti-freeze and anti-boil coolant concentrate. It uses a technically advanced Si-OAT (Organic Acid Technology) based inhibitor system that is Phosphate, Amine, Borate and Nitrite free. The extended long life inhibitor formulation prevents rust, corrosion, cavitation and degradation of the cooling system. ACE G400 fulfills the requirements of latest VW coolant specification VW TL 774-G (G12++) and provides a service life of 8 years / 500,000 Km.

APPLICATION:
ACE G400 is designed for engines made of cast iron, aluminum or a combination of the two as well as cooling systems with aluminum and/or copper alloys, especially for all-alloy engines in which a special aluminum protection is required at higher temperatures, for passenger cars, commercial vehicles, buses, agricultural machines as well as stationary engines and devices that require a radiator antifreeze of this quality. Fill the cooling system with ACE G400 and water according to the desired mixing ratio. 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 G400 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 G400 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:
- Outstanding corrosion protection
- Contains no amines, borates, nitrites or phosphates
- Protects against overheating
- 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

ACE 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 and China GB 29743-2013

PERFORMANCE LEVELS / MEETS OR EXCEEDS:
Audi TL 774-G, Bentley TL 774-G, Bugatti TL 774-G, GM 6277M, Cummins CES 14603, Deutz DQC CC-14, Ducati (TL 774-G), Lamborghini TL 774-G, MAN 324 Typ Si-OAT, MB 325.6, MB 326.6 (Ready Mix), MB 325.5, MB 326.5 (Ready Mix), MTU MTL 5048, Porsche TL 774-G, Seat TL 774-G, Skoda TL 774-G, VW TL 774-G, FORD WSS-M97B44-D.

TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	ACE G400	
			ACE G400 Concentrate	ACE G400 (50% Ready Mix)
pH	D1278	cSt	8.5	8.3
Freezing Point	D1177	°C	-37	N/A
Boiling Point	D1120	cSt	182	108
Density at 15.5C	D4052	g/cm3	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.