



ACE G480

SILICATE TYPE HYBRID TECHNOLOGY

PRODUCT DESCRIPTION:

ACE G480 is an antifreeze coolant concentrate based on mono-ethylene glycol. It is free of nitrite, amine, and phosphate. ACE G400 fulfills the requirements of VW coolant specification VW TL 774 -C (G11) and provides a service life of 7 years / 450,000 Km. ACE G480 protects modern engines of passenger cars as well as commercial vehicles from damages caused by cavitation, freezing, rust, and overheating. The highly effective corrosion inhibitors protect all metals in the cooling system from deposits and corrosion. It contains a mixture of inorganic and organic corrosion inhibitors and belongs to the hybrid type coolants.

APPLICATION:

ACE G480 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 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 G4800 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, 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 buildup of deposits, keeping the cooling system clean.
- Long life service product

ACE G480 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 PERFORMANCE:

PARAMETERS	ASTM	UNIT	ACE G480	
			ACE G480 Concentrate	ACE G480 (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 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.