



BOREAS G650 PSI-OAT COOLANT

PRODUCT DESCRIPTION:

BOREAS G650 is a premium-grade, premixed, ready-to-use coolant that combines Organic Acid Technology with silicates and phosphates to provide superior protection for the cooling system. Designed to meet the specific requirements of modern Volkswagen Group engines, it offers exceptional corrosion protection and long-lasting performance, even under high thermal loads. As the updated version of G13 coolant, BOREAS G650 is backward compatible and can safely mix with all other VW coolants (G11, G12, G12+, G13), replacing G13 and G12 coolants.

APPLICATION:

BOREAS G650 meets the special requirements of modern engines of the Volkswagen Group.

FEATURES & BENEFITS:

- Outstanding corrosion protection.
- Contains no amines, nitrites or phosphates.
- Universal application at passenger cars and commercial vehicles.
- 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

PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- Bentley (TL 774-L)
- Audi (TL 774-L)
- Bugatti (TL 774-L)
- Deutz (DQC CC-14)
- Lamborghini (TL 774-L)
- Porsche (TL 774-L)
- Seat (TL 774-L)
- Skoda (TL 774-L)
- Volkswagen (VW) (TL774-L)
- AS 2108-2004
- ASTM D 3306
- ASTM D 4985
- BS6580:2010
- CUNA NC 956-16
- PN-C40007:2000
- SAE J1034
- ÖNORM V5123
- SANS 1251:2005
- China GB 29743-2013

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	BOREAS G650
pH	D1278	cSt	8
Freezing Point	D1177	°C	-37
Boiling Point	D1120	cSt	110
Density at 15.5C	D4052	g/cm3	TBR

DISCLAIMER: The test data provided above is for reference purposes and is not a strict specification, as variations within acceptable production tolerances may occur. Phoenix reserves the right to update or revise this test data. For the most accurate and up-to-date information, please consult the latest version of this Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website Phoenixlubricants.com