



BOREAS LTC-18 ULTRA HIGH-PERFORMANCE COOLANT WITH LOW SILICATE TECHNOLOGY

PRODUCT DESCRIPTION:

BOREAS LTC-18 is a high-performance engine coolant concentrate designed to meet the latest requirements of advanced engines. With an extended service life of up to 5 years or 250,000 km, this Si-OAT formulation combines cutting-edge organic acid technology with an ethylene glycol base. It provides excellent protection for all cooling system components and metals, including aluminum, ensuring reliable performance and durability.

BOREAS LTC-18 is free of phosphates, nitrites, amines and borates.

APPLICATION:

BOREAS LTC-18 is suitable for latest engines of BMW, MINI & Rolls-Royce and others. When concentrate diluted 50% with water, it protects modern engine components from winter freezing and summer boiling.

FEATURES & BENEFITS:

- Outstanding corrosion protection
- Contains no amines, nitrites or phosphates
- Excellent antifoaming properties.
- Anti-cavitation, preventing 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:

- | | | |
|---------------------|-------------------|----------------|
| • BMW LC-18 | • GB 29743-2013 | • ASTM D3306 |
| • Cummins CES 14603 | • JIS K 2234:2006 | • ASTM D4985 |
| • CES 14439 | • ONORM V 5123 | • ASTM D6210 |
| • CUNA NC 956-16 | • PN-C40007:2000 | • AS 2108-2004 |
| • Deutz DQC CC-14 | • SANS 1251:2005 | • BS 6580:2010 |

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	BOREAS LTC-18
pH	D1278	cSt	8.2
Freezing Point	D1177	°C	-37
Boiling Point	D1120	cSt	162
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