



**GLACIER LTC-18**

**ULTRA HIGH-PERFORMANCE COOLANT WITH LOW SILICATE TECHNOLOGY**

**PRODUCT DESCRIPTION:**

GLACIER LTC-18 is a premium engine coolant concentrate designed to meet the latest requirements of high-performance engines, offering extended service life of up to 5 years or 250,000 km. This Si-OAT (Silicated Organic Acid Technology) formulation uses advanced organic acid technology combined with an ethylene glycol base to deliver outstanding protection for all cooling system components and metals, including aluminum. GLACIER LTC-18 is free of phosphates, nitrites, amines, and borates, ensuring optimal performance and compatibility.

**APPLICATION:**

GLACIER 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 MEET 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  | GLACIER 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 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](http://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.