



## GLACIER HDD 100

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

#### PRODUCT DESCRIPTION:

GLACIER HDD 100 is a long-life coolant concentrate formulated with mono ethylene glycol, designed for heavy-duty diesel engines and stationary engines. Free of amines and phosphates, it incorporates low-silicate technology to provide reliable protection against frost, overheating, corrosion, and cavitation in highly loaded engines. This advanced formulation ensures comprehensive protection for all metals within the cooling system, delivering optimal performance and durability.

#### APPLICATION:

GLACIER HDD 100 is a fully formulated coolant concentrate and must be diluted with water before application. Best concentration for the application is 50 vol% GLACIER HDD 100. It is recommended for use in Mining, Construction as well as on-highway applications.

#### 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:

- MTU MTL 504
- CASE MS 1710
- CAT EC-1
- CUMMINS CES 14603
- DETROIT DIESEL 93K217 (NOAT)
- FREIGHTLINER 48-2288D
- IVECO 18-1830
- KENWORTH RO26-170-97
- MAN 324 TYPE N
- NEW HOLLAND WSN-M97B18-D
- PACCAR CS 0185
- TOYOTA Motor Corp. RP 329
- CHRYSLER MS 7170/MS 9769
- DETROIT DIESEL 75E298
- FORD ESE-M97B44-A
- FORD ESE-M97B18-C
- FORD WSS M97B51-A1
- GM 1825M & GM 1899M
- JIS K2234
- MACK 014GS17004

#### TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	GLACIER HDD 100
pH	D1278	cSt	8.1
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. Internol 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.internol.net](http://www.internol.net).

#### PROTECT THE ENVIRONMENT:

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.