



## ACE HDD 100

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

#### PRODUCT DESCRIPTION:

ACE HDD 100 is a long term coolant concentrate based on mono ethylene glycol for heavy duty diesel application as well as stationary engines. ACE HDD 100 is free of amines and phosphates, combined with a low silicate technology it prevents reliably highly loaded engines from frost, overheating, corrosion and cavitation. This most efficient protection extends to all metals in the cooling system.

#### APPLICATION:

ACE HDD 100 is a fully formulated coolant concentrate and must be diluted with water before application. Best concentration for the application is 50 vol% ACE HDD 100. MAINTAIN FRICOFIN HDD 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 buildup of deposits, keeping the cooling system clean.
- Long life service product

#### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

MTU MTL 5048, CASE MS 1710, CAT EC-1, CUMMINS CES 14603, DETROIT DIESEL 93K217 (NOAT), FREIGHLINER 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 7SE298, FORD ESE-M97B44-A, FORD ESE-M97B18-C, FORD WSS M97B51-A1, GM 1825M & GM 1899M, JIS K2234, MACK 014G517004

#### TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	ACE HDD 100
pH	D1278	cSt	8.1
Freezing Point	D1177	°C	-37
Boiling Point	D1120	cSt	162
Density at 15.5C	D4052	g/cm <sup>3</sup>	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.