

HD COOL TEK

Ready to use Cooling Fluid

DESCRIPTION

HD COOL TEK is a ready to use cooling liquid, anti-corrosion and anti-freeze, based on monoethylene glycol and glycerol, using organic and Silicates technology called Lobrid SiOAT additives technology.

APPLICATIONS

HD COOL TEK is recommended for cooling systems of heavy duty, construction, mining and agriculture vehicles and equipment, gardening, ships, stationary engines, ...

ADVANTAGES

- Optimal protection for all engine metallic parts.
- High performance additives protecting against freezing, overheating, corrosion and scale.
- Long lasting anti-corrosion properties on all engine components thanks to the Lobrid Si-OAT technology.
- Reinforced aluminium protection at high temperature.
- Eliminates the risk of scaling and deposits in the cooling system.
- Avoid cavitation and increases water pump lifetime.
- Compatible with gaskets, hoses, and plastic components.
- Nitrite free / amine free / phosphate free / borate free.

TECHNICAL CHARACTERISTICS

CHARACTERISTICS	METHOD	HD COOL TEK
Color	Visual	Pink
Density at 20°C (68°F)	ASTM D5931	1.074 g/mL
pH	ASTM D1287	8.5
Freezing point	ASTM D1177	-38.0 °C / -36.0 °F
Freezing protection		-37.0 °C / -35.0 °F
Boiling point	NFR 15602-4	108.0 °C / 226.0 °F

Contains a bitterness agent to prevent from drinking: coolants and antifreezes have a sweet taste but are harmful.

STANDARDS / APPROVALS / PERFORMANCE LEVEL

HD COOL TEK meets the following standards:

- AS Standards - AS 2108
- ASTM STANDARD - D3306 / D4985
- BRITISH STANDARD - BS 6580
- China Standards - GB 29743
- Cuna Standards - NC 956-16
- JAPANESE STANDARD - JIS K2234
- ÖNORM Standards - V5123
- SANS Standards - 1251
- SAE - J1034

HD COOL TEK received approvals from:

- MERCEDES-BENZ - MB-Approval 326.5
- MERCEDES-BENZ - MB-Approval 326.6
- MAN - 324 type Si-OAT
- DEUTZ - DQC CC-14

HD COOL TEK meets or exceeds the most common specifications and OEM requirements:

- MAN - Energy Solutions
- CUMMINS - CES 14603
- DEUTZ-FAHR - (< 04/2017)
- IRIZAR -
- LIEBHERR - LH-01-COL3A (Minimum)
- MTU - MTL 5048

RECOMMENDATIONS

- Ready to use, do not add any water.
- To be used for top-up or complete renewal of the cooling circuit for improved efficiency.
- Drain intervals: refer to the manufacturers' recommendation.
- Attention, control or drain the coolant only when the engine is cold.
- Can be mixed with ethylene glycol based coolants.
- Avoid mixing with other products for maximum performance output of **HD COOL TEK**.
- This product should not be used to protect drinking water systems against freezing.

IMPORTANT NOTICE

All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment. The safety data sheet is available on www.motul.com.

Our product contains natural additives which are likely to modify the colour of the concentrates without altering its performance. The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary.