

**Ready-to-use cooling liquid
Lobrid Si-OAT**

TYPE OF USE

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 Si-OAT additives technology. **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.

PERFORMANCES

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

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.

PROPERTIES

Color	Visual	Pink
Density at 20°C (68°F)	ASTM D5931	g/mL 1.074

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development.

Product specifications are definitive from the order which is subject to our general conditions of sale and warranty.

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MOTUL HD COOL TEK

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Freezing point	ASTM D1177	-38.0 °C / -36.0 °F
pH		8.5
	ASTM D1287	
Freezing protection		-37.0 °C / -35.0 °F
Boiling point	NFR 15602-4	108.0 °C / 226.0 °F

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STANDARDS	
AS Standards	AS 2108-2004
ASTM STANDARD	D3306 / D4985 / D6210
BRITISH STANDARD	BS 6580
China Standards	GB 29743
Cuna Standards	NC 956-16
DEUTZ	DQC CC-14
JAPANESE STANDARD	JIS K2234
MERCEDES-BENZ	MB-Approval 326.5, MB-Approval 326.6
ÖNORM Standards	V5123
SAE	J1034
SANS Standards	1251
OEM PERFORMANCES	
CUMMINS	CES 14603
DEUTZ-FAHR	(< 04/2017)
IRIZAR	
LIEBHERR	LH-01-COL3A (Minimum)
MAN	324 type Si-OAT
MTU	MTL 5048
PRODUCTS	
MAN Energy Solutions	CW 28 33

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