



MOTUL HD COOL ORA

Ready-to-use cooling liquid
Ready-to-use cooling liquid
Ready to use cooling fluid

TYPE OF USE

HD COOL ORA is a ready to use cooling liquid, anti-corrosion and anti-freeze, based on monoethyleneglycol, using organic additives (OAT – Organic Acid Technology).

PERFORMANCES

HD COOL ORA is strongly recommended for all cooling systems of heavy duty, construction, mining, 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 ORA**.
- This product should not be used to protect drinking water systems against freezing.

PROPERTIES

Color	Visual	Orange Fluo
Density at 20°C (68°F)	ASTM D5931	g/mL 1.069
Freezing point	ASTM D1177	-37.0 °C / -35.0 °F
pH	ASTM D1287	8.9
Initial crystallization	ASTM D1177	-37.0 °C / -35.0 °F
Freezing protection		-37.0 °C / -35.0 °F

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.

MOTUL - 49 Kyalami Blvd, Kyalami Business Park - 1684 - Midrand - +27820454357 - www.motul.com

motul.com

09/25



MOTUL HD COOL ORA

Ready-to-use cooling liquid
Ready-to-use cooling liquid
Ready to use cooling fluid

Boiling point

ASTM D1120

109.0 °C / 228.0 °F

Ready-to-use cooling liquid
Ready-to-use cooling liquid
Ready to use cooling fluid

STANDARDS	
ASTM STANDARD	D3306 / D4985 / D6210
BRITISH STANDARD	BS 6580
FRENCH STANDARD	NFR 15-601
JAPANESE STANDARD	JIS K2234
KOREAN STANDARD	KSM 2142
NATO	STANDARD: S-759
UNE STANDARD	26-361-88/1
OEM PERFORMANCES	
CUMMINS	CES 14439, CES 14603, IS series & N14
DAF	74002
DETROIT DIESEL	DFS93K217
DEUTZ	DQC CB-14
FENDT	
Innio Jenbacher	TA 1000-0201
ISUZU	
JOHN DEERE	JDM H5
KOBELCO	
KOMATSU	KES 07.982 (2009)
LEYLAND	DW03245403
LIEBHERR	MD1-36-130
MACK	014 GS 17009
MAN	324 type SNF, D36 5600
MAN B&W	A/S
MERCEDES-BENZ	MB 326.3
MITSUBISHI	MHI
MTU	MTL 5048
MWM	0199-99-2091/12
RENAULT	41-01-001/--S Type D
VAN HOOL	
VOLVO	Construction, Penta, Trucks
WÄRTSILÄ	32-9011
WAUKESHA	
YANMAR	
PRODUCTS	
ADE	
Bergen Engines	2.13.01
Case New Holland	MAT 3624
JALOS	M325

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.

MOTUL - 49 Kyalami Blvd, Kyalami Business Park - 1684 - Midrand - +27820454357 - www.motul.com

motul.com

09/25



MOTUL HD COOL ORA

Ready-to-use cooling liquid
Ready-to-use cooling liquid
Ready to use cooling fluid

MAK	
SACM DIESEL	DLP799861
Semt Pielstick	
Steiger	M325