



MOTUL HD COOL ORA ULTRA

High performance engine coolant concentrate

Concentrated Cooling Fluid

DESCRIPTION

HD COOL ORA ULTRA is a high-performance coolant concentrate providing corrosion protection by interacting with the metal surfaces where needed (engine blocks, cylinder heads, liners, water pumps and radiators).

HD COOL ORA ULTRA contains organic additives (OAT – Organic Acid Technology) for extended drain intervals.

Also available as a 50:50 mix called **HD COOL ORA**.

APPLICATIONS

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

ADVANTAGES

- Phosphate free formula to avoid scale formation on hot engine surfaces.
- Excellent thermal exchange improving engine cooling efficiency and prevents from boiling.
- Extended drain intervals thanks to low corrosion inhibitors consumption.
- Avoids cavitation and increases water pump lifetime.
- Compatible with seals, hoses, pipes and parts made of plastic.
- Nitrite free, amine free, borate free and silicate free.



TECHNICAL INFORMATION

TECHNICAL CHARACTERISTICS	UNITS	METHOD	HD COOL ORA ULTRA
Color	-	Visual	Orange Fluo
Density at 20°C (68°F)	g/mL	ASTM D5931	1.114
pH	-	ASTM D1287	9.1
Initial crystallization	°C	ASTM D1177	-37.0 / -35.0
Freezing protection	°C		-37.0 / -35.0
Boiling point	°C	ASTM D1120	177.0 / 351.0

These characteristics are given only for information and can be updated over time.

INSTRUCTIONS

Must be used diluted in water. For better results, use demineralized water.
To maintain anti-corrosion properties, do not dilute below 33%. Refer to chart for dilution rates.
To be used for top-up or complete renewal of the cooling circuit for improved efficiency.
Drain intervals: refer to the manufacturers' recommendations.
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.
This product should not be used to protect drinking water systems from freezing.

SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.

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.