

## HD COOL POWER

Ready to use Cooling Fluid

### DESCRIPTION

**HD COOL POWER** is an organic acid coolant formulated with carboxylate for superior performance and long life.

**HD COOL POWER** is designed for use in all types of engines including automotive, heavy duty diesel, on and off highway, stationary power generation and marine.

### ADVANTAGES

- Long Life protection of aluminium, copper, cast iron, steel, alloys and solder components, brass and bronze.
- Protection against cavitation erosion in wet liner applications.
- Additive stability alleviates the need for the addition of supplementary and dry coolant additives.
- Improves thermal stability.
- Glycol free formulation for optimum heat transfer.

### TECHNICAL CHARACTERISTICS

CHARACTERISTICS	METHOD	HD COOL POWER
Color	Visual	Purple
Density at 20°C (68°F)	ASTM D1122	1.058 g/mL
pH	ASTM D1287	9.4

**HD COOL POWER** does not provide any antifreeze protection.

**HD COOL POWER** is approved for the engine types Wartsila® 200, Wartsila® Vasa 32 / 32LN, Wartsila® 20, Wartsila® 26, Wartsila® 31, Wartsila® 32, Wartsila® 38, Wartsila® 46, Wartsila®46F, Wartsila® 50, Wartsila® 64, Sulzer® Z40 / ZA40 / ZA40S, Wartsila® 220SG, Wartsila®28SG, Wartsila® 31SG, Wartsila® 34SG, Wartsila® 50SG, Wartsila® 20DF, Wartsila® 31DF, Wartsila® 32DF, Wartsila® 34DF, Wartsila® 46DF and Wartsila® 50DF.

## STANDARDS / APPROVALS / PERFORMANCE LEVEL

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

- CATERPILLAR - MAK
- DETROIT DIESEL - DFS 93K217
- Innio Jenbacher - TA 1000-0204
- LIEBHERR - MD1-36-130
- MAN - 248
- MAN - Diesel B&W 2 and 4 stroke
- MAN - Diesel B&W AG – D36 5600
- MTU - MTL 5049
- MWM - 0199-99-2091 / 12
- DEUTZ - 0199-99-2091 / 12
- NSD - TR 1508 – 10/94
- Rolls Royce Bergen - 2.13.01 – diesel and gas engines
- Semt Pielstick -
- WÄRTSILÄ - Diesel, gas, dual fuel engines
- WAUKESHA -
- YANMAR -
- SACM DIESEL - DLP799861

## RECOMMENDATIONS

**HD COOL POWER** is a ready-to-use cooling fluid, do not add any water.

## 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](http://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.