

## **HD Marine SO 630**

### **Description**

HD Marine SO 630. This system oil (SO) for marine applications, based on top quality mineral base oils and outstanding additives (validated by OEMs), is able to:

- handle contamination with water, high sulfur fuel oils and drip oil (or used cylinder lubricants)
- resist thermal and oxidative stress
- protect engine parts against corrosion
- prevent wear of engine parts under high load.

### **Application**

This marine system oil is a recirculating lubricant used to lubricate bearings, gears & guides and for cooling of the pistons of low-speed 2-stroke crosshead engines. Suitable for the latest and older engine types of the Major OEMs and others.

### **Specifications**

Performance level:  
MAN Energy Solutions  
Winterthur Gas & Diesel (WinGD)  
Japan Engine Corporation (J-ENG)  
FZG load stage: 11

### **Typicals**

Density at 15 °C, kg/l	0,896
Viscosity 40 °C, mm <sup>2</sup> /s	98,10
Viscosity 100 °C, mm <sup>2</sup> /s	10,90
Viscosity Index	95
Flash Point COC, °C	232
Pour Point, °C	-12
Total Base Number, mgKOH/g	6,3
Sulphate Ash, %	0,89
SAE	30