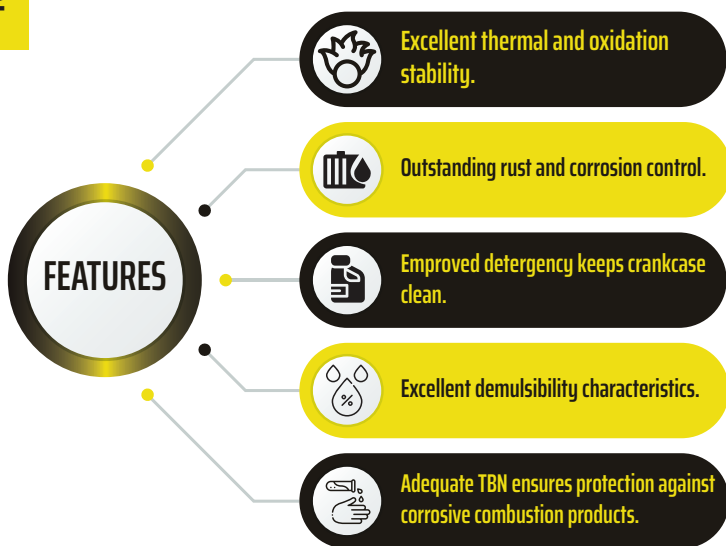




# SHIELD - MARINE SYSTEM ENGINE OIL

DESCRIPTION

Shield's Marine System Engine Oil is a premium quality system oil designed for modern highly rated low-speed crosshead marine engines including those employing system oil for piston cooling. This oil is formulated from high quality paraffinic base oils with latest additive technology to provide excellent thermal stability and oxidation resistance. It has adequate alkalinity to neutralize any strong acids which may enter into the crankcase resulting from the combustion of fuel Sulphur.



**PERFORMANCE LEVELS:**

- MAN B&W 6S90MC-C

**APPLICATIONS:**

Shield's Marine System Engine Oil is recommended for crankcase lubrication in the latest highly rated low speed crosshead marine engines including those employing system oil for piston cooling.

**TYPICAL PHYSICAL PROPERTIES**

SL#	Characteristics Unit	Test Method	ISO Grades		
			3005	3006	3008
1	SAE Grade	-	30	30	30
2	Kinematic Viscosity @ 100°C	ASTM D 445	11	11	11
3	Viscosity Index	ASTM D 2270	>95	>95	>95
4	Flash Point, °C	ASTM D 97	230	230	230
5	Pour Point, °C	ASTM D 1401	-9	-9	-9
6	Total Base Number, mgKOH/g	ASTM D 2896	4.5-5.7	5.5-6.5	7.5-8.8

\*Exact specifications may slightly vary from the above, but within the international standards.