

MG SUPER MARINE 13

HEAVY DUTY MARINE OIL
SAE 30, 40, 50



Performance Profile

MG SUPER MARINE 13 is a high quality, robust performance, API CD level oil with good alkalinity reserve to neutralize all acids, designed with highly refined base stocks and balanced additive package. Exceeds the requirements of :

MAN B&W
WARTSILA

PIELSTICK
DORMAN DIESEL

NEW SULZER DIESEL

Application

Recommended for crankcase and cylinder lubrication of modern trunk piston type, highly supercharged, high and medium speed, heavy-duty diesel engines used in stationary, railroad and marine propulsion services, burning high quality fuel with sulfur content of 1% or less and operating under arduous-duty conditions.

Summary of Benefits

- Very high thermal behavior and excellent oxidation stability.
- Efficient control over piston deposit, sludge, lacquer and asphaltene related deposits in engine cold areas, i.e. crankcase and sump.
- Exceptional protection against wear, ring sticking, rust and corrosion to ensure long life of moving parts and reduce the need for engine servicing.
- Excellent fluidity at low temperature ensures good starting.
- Excellent detergent and dispersant qualities to keep the engine clean.
- Resistance to the hydrolysis of the additives.
- Strong demulsibility power and filterability.
- Good stability in the presence of fuel contamination.

Technical Data

| Characteristics | Typical Value | | |
|------------------------|---------------|-------|-------|
| | 30 | 40 | 50 |
| Sp. Gravity @ 15 °C | 0.882 | 0.889 | 0.901 |
| Viscosity @ 40 °C, cSt | 103 | 160 | 220 |
| Viscosity @ 100°C, cSt | 11.5 | 15.5 | 19 |
| Viscosity Index | 99 | 98 | 97 |
| Flash Point, COC, °C | 236 | 254 | 268 |
| Pour Point, °C | -12 | -6 | -6 |
| TBN, mgm KOH / gm | 13 | 13 | 13 |

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