



SERVO[®] PRODUCT DATA SHEET

SERVO MARINE 30 & 40



IndianOil

GRADES AVAILABLE - SERVO MARINE 3030, 3040, 3050, 4030, 4040, 4050,

DESCRIPTION

Servo Marine 30 & 40 series oils are new generation Marine Engine Oil developed to meet the requirement of modern medium speed trunk piston engines used in Marine propulsion and Land based DG sets.

The superior performance of these oils has been demonstrated in several laboratory screening test, standard and in-house engine tests. These oils have shown excellent merit rating for piston cleanliness in the MWM KD 12E engine test run in accordance with CEC-L-12-A-76 using residual fuel.

PERFORMANCE BENEFITS

- Provides maximum protection from adhesive and corrosive wear at the higher operating temperatures.
- Ensures outstanding Piston and Liner cleanliness.
- Provides higher level of TBN retention.
- Provides reduced Ring and Liner wear.
- Separates easily from water.

APPLICATION

Servo Marine oils are recommended for use in Marine propulsion engines and land based DG sets operating on residual fuels. These oils can also be used for the cylinder lubrication of cross head diesel engines where 30 or 40 TBN oil is required.

PERFORMANCE STANDARDS

- Meet American Petroleum Institute (API) service classification CD.
- Passes MWM-B engine test for high temperature deposit control.

MANUFACTURERS APPROVAL

- Wartsila NSD, Finland for Vasa 22, 22/26 and Vasa 32 engines.
- Rolls Royce, UK
- MAN B & W (Holeby) Engines

CHARACTERISTICS

	3030	3040	3050	4030	4040	4050
SAE GRADE	30	40	50	30	40	50
Kin. Viscosity cSt @ 100°C	11.3-12.4	14.4 – 15.5	19 – 21	11.3 – 12.4	14.4 – 15.5	19 – 21
Viscosity Index, Min	90	90	90	90	90	90
Flash point (COC), °C Min.	220	230	230	220	230	230
Pour Point, °C Max.	(-)15	(-) 12	(-)12	(-) 15	(-) 12	(-) 12
Total Base No., mg KOH/g	30	30	30	40	40	40

HEALTH & SAFETY

These oils are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of industrial and personal hygiene are maintained.

For further information please contact our nearest office OR :

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