

Product Data Sheet

SERVO MARINE K SERIES

Trunk Piston Engine Oil



Description

Servo Marine K oils are new generation Marine Engine Oils developed to meet the requirement of modern medium speed trunk piston engines (4 stroke) and high-speed engines used in Marine propulsion and Land based DG sets, operating on distillate or marine diesel fuels.

These oils have shown excellent high temperature detergency characteristics in the hotter engine parts like piston rings, piston underground & superior anti-wear protection beside good TBN stabilization.

Performance, Features and Benefits

- Outstanding engine cleanliness in hotter engine parts like piston rings & piston under-crowns.
- Higher base number (BN) stabilization even in low oil consuming engines.
- Good anti-wear protection of piston rings and cylinder liners.
- Good viscosity & insoluble control.
- Longer drain capabilities.

Application

Servo Marine K oils are recommended for use in land-based power generation applications and trunk piston engines (4 strokes) engaged in marine propulsion operating on distillate or marine diesel fuels.

PERFORMANCE BENEFITS Approvals / Performance Standards / Recommendations

Servo Marine K oils meets –

- API CF.
- Passes Cat 1 m PC and L-38 engine tests for high temperature deposit control and bearing protection characteristics.

Servo Marine K 1040 and 2040 are approved by Wartsila Corp.

Typical Physical Characteristics

GRADE	Method	K 1030	K 1040	K 2030	K 2040
SAE GRADE	Visual	30	40	30	40
Flash point COC, deg °C	ASTM D92	238	240	240	230
Pour Point, deg °C	ASTM D97	(-) 21	(-) 18	(-) 21	(-) 15
Kinematic viscosity at 100°C, cSt	ASTM D445	11.6	13.6	11.7	14.9
Viscosity Index	ASTM D2270	95	96	96	95
Total base number, mg KOH/g	ASTM D2896	11	11	21	21
Foam test; Tend/Stab, ml	ASTM D892	0/0	0/0	0/0	0/0
Seq. I					
Seq. II					
Seq. III					

Health, Safety & Environment

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or at <https://cx.indianoil.in/>. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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