

TECHNICAL DATA SHEET

ORIENT-MARINE OIL SAE 40 TBN 50

Product Description :

Oriant marine oil SAE 40 TBN 50 is a Trunk piston engine oil designed for use in medium speed diesel engines operating on residual fuels in marine, power generation and industrial applications. The superior additive technology used in this oil provides excellent engine cleanliness & wear protection under different operating conditions. This oil is available in SAE 30, 40 & 50 viscosity grades with a TBN (Total Base Number) ranging from 30 to 50. These oils exhibit a high degree of water tolerance and have better water separation and base retention properties. These oils meet the performance requirements of API CF.

Features & Benefits:

- Excellent detergency and dispersancy reduces build-up of soot & black sludge and keeps the engine cleaner.
- Acidic by-products are effectively neutralized, and the engine is protected from corrosive wear.
- Better Demulsibility characteristics ensure water separation leading to trouble free operation.
- Robust anti-wear technology provides protection against piston & linear wear and good gear performance leading to reduction in maintenance costs.

Typical Properties:

Sr. No	Test Parameters SAE Viscosity Grade	Test Method	Typical SAE 40 TBN 50
1	Appearance	Visual	C&B
2	Density @ 15°C gm/cm ³	ASTM D1298	0.905
3	Viscosity Index	ASTM D2270	100
4	Viscosity @ 100°C (cSt)	ASTM D 445	14.5
5	Pour Point °C	ASTM D 97	-18
6	Flash Point (COC) °C (Min)	ASTM D 92	215
7	T.B.N mg KOH/gm	ASTM D 2896	50

The above figures are typical of those obtained with normal production tolerance and do not constitute Specifications.



