

TECHNICAL DATA SHEET

ORIENT-MARINE OIL SAE 30/40/50

Product Description :

Oriant marine oil 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 40. 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:

Typical properties	SAE Grade	30	40	50	30	40	50
	TBN	30			40		
API CF		X	X	X	X	X	X
Test Parameters	ASTM Method	Typical Values			Typical Values		
Viscosity @ 100°C, Cst	D 445	11.1	14.5	18.2	11.1	14.5	18.2
Viscosity Index	D 2270	103	100	101	105	101	103
Flash Point, °C	D 92	>215	>215	>235	>215	>215	>235
Pour Point, °C	D 97	-18	-18	-12	-18	-18	-12
TBN, mg KOH/g	D 2896	30	30	30	40	40	40
Density @ 15 °C, kg/l	D 1298	0.899	0.905	0.913	0.905	0.910	0.913

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