

Ocean Sahara Silver CF-4 series (20W40, 20W50)

High Performance Multigrade – High speed Marine Diesel Engine Oil



Product Data Sheet

Product Description & Application

Ocean Sahara Silver CF-4 series are high performance multigrade high-speed marine diesel engine oils formulated with high quality base stocks and selected additives to ensure optimum performance and protection for diesel engines requiring an API CF-4 specification. Suitable for diesel engines for both turbocharged and normally aspirated engines operating under severe service conditions in all seasons.

Features & Benefits

- Good oxidation & thermal stability reduces sludge build up and keeps the marine engines cleaner.
- Optimum wear protection to extend high-speed marine engine's efficiency and service life.
- Improved fuel economy, due to high fluidity at low temperatures.
- Reduced oil consumption at high operating engine temperatures.
- Improved resistance to deposit formation keeps engine clean to give your vehicle maximum power under extreme operating conditions.
- Optimum TBN reserves provide improved acid neutralization and corrosion protection, especially in old heavy-duty diesel engines.

Specifications

Meets or exceeds following International and Builder specifications:

- API CF-4, CF, SJ
- ACEA E2
- MTU OIL Category-1
- MAN 270/271
- VOLVO VDS
- Deutz DQC –I-05
- MB 228.0/1

Typical Characteristics

Ocean Sahara Silver	Test Method	Units	20W-40	20W-50
Density @ 15 °C	ASTM D 4052	gm/cc	0.884	0.890
Viscosity @ 100 °C	ASTM D 445	cSt	14.30	21.4
Viscosity @ 40 °C	ASTM D 445	cSt	107	182
Viscosity Index	ASTM D 2270	-	137	137
Pour Point	ASTM D 97	°C	-30	-30
Flash Point (COC)	ASTM D 92	°C	230	236
Total Base Number	ASTM D 2896	mg KOH/g	10.0	10.0
CCS Viscosity	ASTM D 5293	cP	6020 @ -15 °C	6020 @ -15 °C

The above figures are typical of blends with normal production tolerance and do not constitute a specification.