



PRODUCT DATASHEET

SPC MERLION 4000

Marine Trunk Piston Engine Oil

SPC MERLION 4000 is a API CF oil formulated for trunk piston diesel engines using residual fuel and requiring high alkaline crankcase oil of TBN 40.

PERFORMANCE STANDARDS

SPC MERLION 4000 meets the following performance requirements:

- MAN B&W Diesel
- SEMT Pielstick
- Sulzer
- Wartsila

BENEFITS

SPC MERLION 4000 provides the following benefits:

- Keeps pistons and piston ring grooves against lacquer, varnish and carbon deposits.
- Resists the formation of sludge in the oil.
- Imparts good antiwear properties to prevent premature engine failure.
- Exhibits good anticorrosion properties.
- Provides good antifoam properties.
- Exhibits good demulsibility properties.
- Provides good detergency and dispersancy properties.

APPLICATIONS

SPC MERLION 4000 is recommended for trunk piston diesel engines for ocean-going marine vessels, supply boats, tug boats, trawlers and oilrigs using medium and high sulphur fuel.

It is also recommended for on shore stationary diesel engines operating on high sulphur diesel fuel including diesel engines operating on high sulphur fuel where alkaline reserve is required to compensate for low oil top-up.

TYPICAL CHARACTERISTICS

SPC MERLION	4030	4040	4050
SAE Grade	30	40	50
Viscosity, Kinematic			
at 40 deg C, cSt	108.3	164.1	250.2
at 100 deg C, cSt	12.2	16.1	21.2
Viscosity Index	98	98	98
Specific Gravity, 15/15 deg C	0.914	0.917	0.930
Flash Point, COC, deg C	230	240	250
Pour Point, deg C	-15	-15	-9
TBN, mgKOH/g	40.1	40.2	40.0

The above figures are typical of current production and do not constitute a specification. Minor variations may occur.