



# S-OIL MARINE TP 40 Series

## MEDIUM-SPEED TRUNK-PISTON DIESEL ENGINE OIL

### Product Description

S-OIL Marine TP Series are highly alkaline Trunk Piston Engine Oil for crankcase and cylinder lubrication requirement of cross-head type marine engines burning high Sulphur residual fuels. They are combination of high quality base stocks and additives designed to impart acid neutralization, detergent, dispersant properties and oxidation stability. S-OIL Marine TP Series can handle heavy residual fuels with high asphalt content.

### Applications

- S-OIL Marine TP Series are primarily recommended for use in high-output trunk piston marine diesel engines operating on heavy residual fuels

### Features and potential benefits

- Excellent TBN retention, with low oil consumption
- Low cylinders wear rates
- Cleaner piston, ports and cylinders, thus extending overhauls
- Fast separation from water in case of water contamination
- Low under crown deposits
- Controls sludge formation, thus increasing oil filter life and reduces cleaning frequencies

### Performance level

- SAE 40

### Typical Properties

SAE Grade			SAE 40
Test Items	Method	Unit	TP 4040
Specific gravity	ASTM D1298	-	0.8998
Viscosity 40°C	ASTM D445	cSt	122.7
Viscosity 100°C	ASTM D445	cSt	13.95
Viscosity index	ASTM D2270	-	112
Flash point	ASTM D92	°C	258
Pour point	ASTM D97	°C	-13.0
TBN	ASTM D2896		40

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This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet is obtainable via your commercial adviser.