



# S-OIL MARINE TP 30 Series

## MEDIUM-SPEED TRUNK-PISTON DIESEL ENGINE OIL

### Product Description

S-OIL Marine TP Series are Trunk Piston Engine Oil Series for crankcase lubrication requirements of high-output medium speed engines and other similar marine type application. They are formulated from solvent-refined paraffin thermally stable base oils, combined with an effective additive package providing enhanced load-carrying ability, efficient oxidation stability and effective dispersancy/detergency. They provide effective acid neutralization and alkalinity retention in service, even when high-Sulphur fuel is used. They are capable to 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. (Sulphur up to 2.0%)

### Features and potential benefits

- Excellent TBN retention, with low oil consumption
- 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 30, 40

### Typical Properties

Test Items	SAE Grade			SAE 30	SAE 40
	Method	Unit	TP 3030	TP 3040	
Specific gravity	ASTM D1298	-	0.8909	0.8948	
Viscosity	40°C	ASTM D445	93.06	125.6	
	100°C	ASTM D445	11.42	14.02	
Viscosity index	ASTM D2270	-	111	110	
Flash point	ASTM D92	°C	246	258	
Pour point	ASTM D97	°C	-16.0	-14.0	
Sulfated Ash	ASTM D874	wt%	3.8	3.8	
TBN	ASTM D2896		30	30	

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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.