



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 30, 40

Typical Properties

Test Items	SAE Grade			SAE 30	SAE 40
	Method	Unit	TP 4030	TP 4040	
Specific gravity	ASTM D1298	-	0.8962	0.8998	
Viscosity	40°C	ASTM D445	91.36	122.7	
	100°C	ASTM D445	11.42	13.95	
Viscosity index	ASTM D2270	-	113	112	
Flash point	ASTM D92	°C	248	258	
Pour point	ASTM D97	°C	-14.0	-13.0	
Sulfated Ash	ASTM D874	wt%	5.0	5.0	
TBN	ASTM D2896		40	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.