

DIVYOL MARINE ENGINE OILS (SAE 30)

Applications:

Divyol Marine Engine Oils (SAE 30) are a series of specially formulated lower to medium alkaline reserve (Base Number) trunk piston engine oils (TPEO). These oils are designed for use in medium-speed trunk piston engines burning distillate fuels with sulphur content up to 1% in marine as well as stationary power generation. They are also used in engine reduction gears.

Standards:

Divyol Marine Engine Oils (SAE 30) conform to API CF performance standards.

Advantages:

Divyol Marine Engine Oils' blend includes select detergent / dispersant additives which ensure consistent performance even in high temperatures. It helps prevent deposits in areas such as the under crown of the piston and the piston ring belt area, enabling piston rings to function efficiently. Due to its superior alkalinity retention, sufficiently high BN is maintained under all service conditions to ensure corrosive acids formed by the combustion of fuel sulphur are effectively neutralized, thereby minimizing liner wear. Its excellent demulsibility enables centrifuging of water with no loss of additive.

Typical properties:

Sr. No.	Characteristics	Test Method	Divyol Marine Engine Oils			
			MDE 315	MDE 320	MDE 330	MDE 340
1	Appearance	Visual	Bright and clear	Bright and clear	Bright and clear	Bright and clear
2	Kinematic viscosity at 100 °C, cSt , min.	ASTM D 445	9.3 – 12.5	9.5 – 12.5	9.5 – 12.5	9.5 – 12.5
3	Viscosity index, min.	ASTM D 2270	95	95	95	95
4	Flash point, °C, min.	ASTM D 92	220	220	230	240
5	Pour point, °C, max.	ASTM D 97	≤-12	≤-15	≤-18	≤-22
6	Sulphated ash	ASTM 874	3.68	3.65	3.68	4.1
7	TBN (Total Base No), mg KOH/g	ASTM D 2896	15	20	30	40

The above properties are typical values and do not constitute specification of the product.

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