

DIVYOL MARINE DIESEL ENGINE OILS (SAE 40)

MDE 412 / 415 / 420 / 430

Applications:

Divyol Marine Diesel Engine Oils are lower to medium alkaline reserve (Base Number) trunk piston engine oils (TPEO). This blend was specially formulated for use in medium speed trunk piston engines burning distillate fuels with sulphur content up to 1% in marine or stationary power generation. It is also used in engine reduction gears.

Standards:

Divyol Marine Engine Oils conform to API CF performance specifications.

Advantages:

Divyol Marine Engine Oils' blend includes select detergent/dispersant additives which ensure efficient operation 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 412	MDE 415	MDE 420	MDE 430
1	Appearance	Visual	Bright and clear	Bright and clear	Bright and clear	Bright and clear
2	Kinematic viscosity at 100 °C, cSt	ASTM D 445	12.5 – 16.5	14.4 – 16.5	14.5 – 16.5	14.5 – 16.5
3	Viscosity index, min.	ASTM D 2270	95	95	95	95
4	Flash point, °C, min.	ASTM D 92	230	230	230	250
5	Pour point, °C, max.	ASTM D 97	<-15	<-15	<-15	<-18
6	Sulphated ash	ASTM 874	2.1	2.4	2.5	3.70
7	TBN (Total Base No), mg KOH/g	ASTM D 2896	12.5	15	20	30

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

Disclaimer: Gandhar makes no warranties, representation or conditions of any kind expressed or implied for use with respect to these products. Final determination of suitability of the product for the application contemplated by the users is solely their responsibility.