MEDRIPAL 40 Series



INDUSTRIAL & MARINE ENGINE OILS

Product Description

formulated from High Viscosity Index (HVI) base oil with additives specially designed for medium speed diesel engine.

MEDRIPAL 40 series has sufficient TBN to neutralize combustion acid; provides optimum protection against rust, corrosion & excessive wear; has a good balance between oxidation stability, detergency and dispersancy to prevent piston deposit formation and maintain engine cleanliness; and also able to easily separate from dirt and water through centrifugal separator.

Typical Characteristics			
Characteristics	Test Method	MEDRIPAL 440	MEDRIPAL 540
SAE Viscosity Grade		40	50
Density at 15 °C, kg/L	ASTM D4052	0.9108	0.9147
Kinematic Viscosity at 40 °C, cSt	ASTM D7279	143.8	228.7
at 100 °C, cSt	ASTM D7279	14.38	20.09
Viscosity Index	ASTM D2270	98	101
Flash Point, °C	ASTM D92	256	249
Pour Point, °C	ASTM D97	-18	-18
Total Base Number, mg KOH/g	ASTM D2896	40	40

Specifications / Approvals

- MAN ES
- Wartsila
- Yanmar
- Akasaka
- API CF

Applications

MEDRIPAL 40 series is recommended for medium speed trunk piston industrial and marine diesel engines burning residual diesel fuel with sulphur content 1.0 - 3.5 % weight with high oil stress condition.

Health and Safety

Please contact our Industrial Marketing Head Office to get Material Safety Data Sheet as information for Health and Safety Protection

Phone: 62-21 3190 7190/5 Email: hss<u>e.ptpl@pertamina.com</u> <u>www.pertaminalubricants.com</u>

Disclaimer:

Information presented in this Product Data Sheet is as accurate as possible prior to printing. Such information is based upon standard industry tests under controlled laboratory conditions and presented as a guide only. To assess product suitability for its intended application, it is recommended that users refer to the latest version of the Product Data Sheet because the information contained herein is subject to change, without notice, due to the upgrades in product formulation, manufacturers' equipment specifications, user applications and storage.

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