MEDRIPAL 20 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 20 series has sufficient total base number 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 320	MEDRIPAL 420
SAE Viscosity Grade	a	30	40
Density at 15 °C, kg/L	ASTM D4052	0.8860	0.8973
Cinematic Viscosity at 40 °C, cSt	ASTM D7279	105.4	145.6
at 100 °C, cSt	ASTM D7279	11.67	14.54
Viscosity Index	ASTM D2270	98	98
Flash Point, °C	ASTM D92	240	270
Pour Point, °C	ASTM D97	-18	-18
Total Base Number, mg KOH/g	ASTM D2896	20	20

Specifications / Approvals

- MAN ES
- Yanmar
- Akasaka

Applications

MEDRIPAL 20 series is recommended for medium speed trunk piston industrial and marine diesel engines, which burning distillate diesel fuel with sulphur content up to 1.0 % weight.

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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