

PERTAMINA

MEDRIPAL

70 - SAE 50

Formulated from High Viscosity Index (HVI) base oil and additives specially designed for cylinder lubricant of marine crosshead two stroke diesel engine.

MEDRIPAL 70 SAE 50 has 70 base number to neutralize combustion acid and gives maximum protection against rust, corrosion and excessive wear of cylinder liner and piston ring.

MEDRIPAL 70 SAE 50 has a good balance between oxidation stability and detergency to prevent piston deposit formation and maintain cleanliness of combustion chamber and exhaust ports.

Diformulasikan dari *base oil High Viscosity Index (HVI)* dengan aditif yang didesain khusus untuk pelumas silinder mesin diesel perkapalan tipe *crosshead* dua langkah.

MEDRIPAL 70 SAE 50 memiliki *base number 70*, sehingga mampu menetralkan asam hasil pembakaran, serta memberikan perlindungan yang maksimal dari karat, korosi dan keausan berlebih khususnya pada silinder *liner* dan ring piston.

MEDRIPAL 70 SAE 50 memiliki keseimbangan yang baik antara kestabilan oksidasi dan *detergency* untuk mencegah pembentukan deposit pada piston sekaligus menjaga kebersihan ruang bakar dan *exhaust ports*.

Typical Characteristics

Characteristics	Test Method	MEDRIPAL 570
SAE Viscosity Grade	-	50
Density at 15 °C, kg/L	ASTM D4052	0.9290
Kinematic Viscosity at 40 °C, cSt	ASTM D7279	211.6
at 100 °C, cSt	ASTM D7279	19.50
Viscosity Index	ASTM D2270	105
Flash Point, °C	ASTM D92	270
Pour Point, °C	ASTM D97	-18
Total Base Number, mg KOH/g	ASTM D2896	70

SPECIFICATIONS / APPROVALS

- MAN Category 1
- WinGD
- Mitsubishi Heavy Industries (MHI)
- Akasaka

APPLICATIONS

MEDRIPAL 70 SAE 50 is recommended for crosshead low speed industrial and marine diesel engines burning residual fuels with high sulphur content.

SPESIFIKASI / APPROVAL

- MAN Category 1
- WinGD
- Mitsubishi Heavy Industries (MHI)
- Akasaka

PENGUNAAN

MEDRIPAL 70 SAE 50 direkomendasikan untuk mesin *crosshead* diesel perkapalan maupun industri putaran rendah yang menggunakan bahan bakar minyak dengan kandungan sulfur tinggi.