



MARINE 1230, 1240

TRUNK PISTON ENGINE OIL

Magic Plus Marine 1230 and 1240 are high-performance trunk piston engine oils for medium speed marine and industrial type trunk piston engines operating on low Sulphur distillate fuel (Sulphur upto 1.0%). They are blended using solvent-refined high viscosity index paraffin mineral base oils with chemical additive which provide effective alkalinity, wear resistance, detergency and dispersancy.

Applications:

Recommended for crankcase lubrication in medium-speed marine type diesel engines. They also be used to separate bearing lubrication and piston cooling of large crosshead type engine under severe service conditions at appropriate viscosity grades.

Features & Benefits:

- Improved anti wear properties, reduces ring & liner wear
- Reduces port and under crown deposits
- Cleaner engine operation
- Increased protection against cylinder and bearing wear
- Outstanding thermal & oxidation stability extend periods between inspection & overhauling
- Controls black sludge therefore increases oil filter life and reduces cleaning frequencies
- Excellent TBN retention with low oil consumption

Specifications: (Meets / Exceeds)

- API: CF

Meets OEMS:

- MAN
- Wartsila
- Daihatsu
- Mak / Caterpillar
- Yanmar

Technical Data:

Parameters	ASTM	Unit	Typical Results	
			SAE 30	SAE 40
Viscosity Grade				
Viscosity @ 104 °F / 40 °C	D-7042	cSt	103	150
Viscosity @ 212 °F / 100 °C	D-7042	cSt	11.0	14.5
Viscosity Index	D-2270		90	95
Density @ 60 °F / 15 °C	D-4052	g/cm ³	0.893	0.894
Flash Point (min)	D-92	°C	240	250
Pour Point (min)	D-97	°C	-12	-12
TBN	D-2896	mg KOH/g	12	12

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil into drains or the environment. Dispose to an authorized used oil collection point. This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. For further Information on Safety Guidelines please refer to MSDS available on our website magicplusoil.net

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