

HANSA POWER 412

Marine Trunk Piston Engine oil

HANSA POWER 412 is a premium quality trunk piston engine oil designed for use in the modern medium speed diesel engines operating on distillate fuels.

HANSA POWER 412 is based on high quality virgin mineral base oil in combination with an unique additive package to ensure the following properties:

- Superior detergency ensures piston and crankcase cleanliness
- Improved anti-wear property minimizes engine wear
- Excellent thermo-oxidative stability
- Protection of engine parts against corrosive combustion products
- Better demulsibility characteristics ensure water
- Special rust & corrosion inhibitors prevent corrosion of engine parts in severe salt water environment
- Excellent dispersancy and detergency properties
- Good protection against "Bore Polishing" and lacquering

HANSA POWER 412 meets the following performance criteria:

API CF

Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	40
Density @15 °C	kg/m ³	ASTM 4052	897.7
Kinematic Viscosity @ 40 °C	mm ² /s	ASTM D7042	139.4
Kinematic Viscosity @ 100 °C	mm ² /s	ASTM D7042	14.1
Viscosity Index		ASTM D2270	98
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-27
Total Base Number	mgKOH/g	ASTM D2896	12.5
Sulphated Ash	%Wt	ASTM D874	1.6
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