



**Product Data Sheet:**

# MARINE TPEO 415

**Product Description:**

**MARINE TPEO 415** is a high quality marine diesel engine oil, developed for high output, medium speed trunk piston diesel engines, running on distillate or light residual fuel with a sulphur content of maximum 1.5%.

**MARINE TPEO 415** oil is formulated with high quality paraffinic base stocks and selected additives that provide excellent detergent, dispersant, antiwear and oxidation resistant properties.

**MARINE TPEO 415** has very good oxidation stability, excellent dispersant and detergent ability and neutralisation of combustion acids, formed when burning diesel fuel.

**MARINE TPEO 415** offers good anti wear properties, superior demulsibility and protection against bearing corrosion, has good anti-foam properties and good protection against 'bore-polishing' and lacquering.

**MARINE TPEO 415** is recommended for all high output, medium speed trunk piston marine diesel engines and in certain reduction gear systems where this type of lubricant is specified by the equipment manufacturer.

**Exceeds the specifications of:**

**API CF**

<b>Property:</b>	<b>Test Method:</b>	<b>Typical Values:</b>
SAE Viscosity Grade	SAE J300	40
Density @ 15°C	ASTM D4052	903 kg/m <sup>3</sup>
Kinematic Viscosity @ 40°C	ASTM D7042	145 mm <sup>2</sup> /s
Kinematic Viscosity @ 100°C	ASTM D7042	15.5 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	>95
Flash Point	ASTM D92	>220°C
Pour Point	ASTM D97	<-18°C
Total Base Number (TBN)	ASTM D2896	15 mgKOH/g
Sulphated Ash	ASTM D874	1.9 wt %

Product nr: 4286

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