



PRODUCT DATA SHEET

EKO MARINE PLUS 15W-40

Lubricant for marine 4-stroke diesel engines

DESCRIPTION

EKO MARINE PLUS 15W-40 is a high performance multigrade heavy-duty diesel engine oil, suitable for high-speed four-stroke marine diesel engines operating on coastal shipping, fishing, leisure boats and other applications.

EKO MARINE PLUS 15W-40 is suitable for both naturally aspirated and turbocharged diesel engines.

EKO MARINE PLUS 15W-40 meets the performance requirements of major diesel engine manufacturers such as MTU, VOLVO, MAN, YANMAR, PERKINS and BAUDOUIN.

SPECIFICATIONS

ACEA E5, API CH-4/SJ, MAN M3275-1, MB 228.1, VOLVO VDS-2.

APPROVALS

MTU Type 2

APPLICATIONS

- High-speed propulsion engines operating on coastal vessels, fishing boats, lifeboats and leisure boats.
- High-speed engine generators.
- Transmission systems and auxiliary units, according to manufacturer's recommendations.



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ADVANTAGES

- Excellent protection against wear: increases the lifespan of all critical engine components.
- Water resistance: helps maintaining a strong lubricating film in the presence of seawater.
- Effective control of deposits: maintains cleanliness and reliability of the engine and reduces lubricant consumption.
- High resistance to shear and high viscosity index: maintain a strong lubricating film at all operating temperatures.
- Excellent performance at low temperatures: provide excellent control of wear at the start of the engine.

TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKO MARINE PLUS 15W-40
SAE Viscosity Grade	-	-	15W-40
Density, 15°C	ASTM D4052	g/ml	0.882
Kinematic Viscosity, 100°C	ASTM D445	cSt	14.2
Kinematic Viscosity, 40°C	ASTM D445	cSt	102.4
Viscosity Index (VI)	ASTM D2270	-	142
CCS Viscosity, -20°C	ASTM D5293	cP	6400
Base Number, TBN	ASTM D2896	mg KOH/g	11.0
Sulfated Ash	ASTM D874	% w/w	1.4
Pour Point	ASTM D5950	°C	-27
Flash Point, COC	ASTM D92	°C	240

HEALTH AND SAFETY

Protect the environment while disposing of used product. Used lubricants should be collected at specific points to ensure they do not pollute the environment. Do not mix with solvents, brake fluids, antifreeze fluids and water, to allow for proper handling.

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This data sheet provides basic information on the product as at the date of drafting. For further information regarding applications, please contact EKO ABEE Technical Support, tel. +30 210 5509 511.
Advice on safe handling is provided in the Safety Data Sheet.