



PRODUCT DATA SHEET

EKO MARINE MT 40

Top quality monograde lubricant for marine 4-stroke diesel engines

DESCRIPTION

EKO MARINE MT 40 is a top quality, SAE 40 monograde lubricant of the Super High Performance Diesel Engine Oil (SHPD) class. EKO MARINE MT 40 is specially developed for four-stroke diesel engines of high-speed vessels running on diesel with a maximum sulfur content of 0,5 %.

EKO MARINE MT 40 is engineered with high quality base oils and contains a latest technology additive package meeting the performance level of current ACEA E7 specifications.

EKO MARINE MT 40 meets the performance requirements of major engine manufacturers for applications where SAE 40 monograde lubricants are required.

EKO MARINE MT 40 holds an MTU Type 2 approval, therefore it is suitable for double oil drain intervals compared to common monograde diesel engine lubricants.

SPECIFICATIONS

API CF

APPROVALS

MTU Type 2

APPLICATIONS

- High-speed, high-output 4-stroke diesel engines operating on coastal shipping, fishing, leisure boats and power generation, where SAE 40 monograde engine oils are required.
- It is developed for longer oil-drain intervals and better engine protection compared to common monograde diesel engine lubricants.



PRODUCT DATA SHEET

ADVANTAGES

- Excellent protection against wear: increases the lifespan of all critical engine components.
- Excellent water resistance: maintains a strong lubricating film in the presence of seawater.
- Excellent control of deposits: increases cleanliness and reliability of the engine and reduces lubricant consumption.
- Excellent resistance to thermal degradation: provides lasting protection of the engine at extended oil-drain intervals, even in the most difficult operating conditions.
- High TBN value and excellent retention of TBN value: protects all engine components against corrosive wear at extended lubricant-operation intervals.
- High shear stability and high viscosity index: maintain a strong lubricating film at all operating temperatures.

TYPICAL CHARACTERISTICS

Properties	Methods	Units	EKO MARINE MT 40
SAE Viscosity Grade	-	-	40
Density, 15°C	ASTM D4052	g/ml	0.894
Kinematic Viscosity, 100°C	ASTM D445	cSt	13.28
Kinematic Viscosity, 40°C	ASTM D445	cSt	119.0
Viscosity Index (VI)	ASTM D2270	-	107
Sulfated Ash	ASTM D874	% w/w	1.26
Base number, TBN	ASTM D2896	mg KOH/g	11.0
Pour Point	ASTM D5950	°C	-30
Flash Point, COC	ASTM D92	°C	248

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.

Issue 5, 31 October 2022

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.