

CAPRANO MT 40

Diesel engine oil

KEY DATA



- ✓ FISHING
- ✓ INLAND MARINE
- ✓ COASTAL SHIPPING

SPECIFICATIONS AND APPROVALS

International Specifications:

ACEA E7
API CI-4/CH-4/CG-4/CF-4/CF

Manufacturers' approvals:

Engine:

- ✓ MTU Oil Category 2

Reduction drive/Reversing gear:

- ✓ ZF TE-ML 04A

Meets the requirements of:

- ✓ ZF TE-ML 04B
- ✓ ABC DX/DZ
- ✓ Caterpillar 3116/3126 MUI engines
- ✓ Baudouin Performance A
- ✓ NATO O-278 :
 - FR : DCSEA 278/A
 - BE/NL : BN-PO-178 C Amd 2

Suitable for the following engines:

- | | |
|----------|-------------------------------------|
| ✓ MAK | ✓ WARTSILA |
| ✓ MASSON | ✓ MITSUBISHI Moteurs U semi-rapides |
| ✓ STORK | ✓ MWM |

APPLICATIONS

TOTAL CAPRANO MT 30 – 40 is recommended for **navigation 4-stroke Diesel engines** (turbocharged or naturally-aspirated) used in **marine and leisure sectors**.

This lubricant is adapted to fuel up to 0.5% Sulphur content.

TOTAL CAPRANO MT 30 – 40 is also suitable for **transmissions systems**.

PERFORMANCES AND CUSTOMER BENEFITS

TOTAL CAPRANO MT 30 – 40 offers **excellent thermal stability** and **oxidation resistance**, guaranteeing effective engine lubrication in severe conditions.

Outstanding **detergent, dispersant and anti-wear properties** keep the engine clean and enable effective control of soot, sludge and piston deposits.

TOTAL CAPRANO MT 30 – 40 exhibits **important alkaline reserve** to neutralize acid compounds coming from the combustion.

Its **anti-wear and anti-corrosion additives** ensure longer engine and transmission durability.

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PHYSICAL AND CHEMICAL CHARACTERISTICS *

TEST	UNIT	TEST METHOD	VALUE
Density at 15 °C	kg/m ³	ASTM D1298	897
Kinematic Viscosity at 40 °C	mm ² /s	ASTM D445	139
Kinematic Viscosity at 100 °C	mm ² /s	ASTM D445	14.8
Viscosity Index	-	ASTM D2270	107
Pour Point	°C	ASTM D97	-30
T.B.N	mgKOH/g	ASTM D2896	13

* The features mentioned above are average values obtained with some variability in production and do not constitute a specification.

RECOMMENDATIONS FOR USE

Before using the product, it is important to check the service manual of the vehicle: the drain is carried out according to the manufacturer's requirements.

The product should not be stored at a temperature above 60 °C.

Exposure to strong sunlight, extreme cold or high temperature variations must be avoided. All packages should be protected from bad weather conditions.

The drums should be stored horizontally to avoid a possible contamination by water and the damage of the product label.

HEALTH, SAFETY AND THE ENVIRONMENT

Based on available information, this product does not cause adverse health effects when used in the intended application and the recommendations provided in the Safety Data Sheet (MSDS) are followed.

It is accessible on request from your local dealer or on the website <http://sdstotalms.total.com>.

This product should not be used for applications other than those for which it is intended. If disposing of used product, take care to protect the environment and comply with local regulations.