



# CAPRANO MT

## 30 – 40



Lubricant for 4 strokes Diesel engines used in navigation.

### SPECIFICATIONS AND APPROVALS

International specifications	ACEA E7	API CH-4/CG-4/CF-4/CF	NATO O-278 (SAE 40)
<b>Manufacturers' approvals</b> <i>Engine</i> <ul style="list-style-type: none"><li>✓ MTU Category 2</li><li>✓ Baudouin Performance A</li></ul> <i>Reduction drive/Reversing gear</i> <ul style="list-style-type: none"><li>✓ ZF TE ML 04A/B</li></ul>		<b>Meets the requirements of</b> <ul style="list-style-type: none"><li>✓ ABC Series DX/DZ</li><li>✓ Caterpillar 3116/3126 MUI Marine engines</li><li>✓ Deutz/MWM Medium and Big engines</li><li>✓ Wartsila-Poyaud Series</li><li>✓ Mitsubishi U "medium speed" series engines</li></ul>	
		<b>Suitable for the following engines</b> BOLNES, MAK, STORK <b>Reduction drive/Reversing gear:</b> MASSON, BAUDOUIIN	

### APPLICATIONS

TOTAL CAPRANO MT 30 – 40 is recommended for **navigation 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.

### PHYSICAL AND CHEMICAL CHARACTERISTICS\*

TOTAL CAPRANO MT		Method	30	40
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298	892	897
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	86.7	139
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	10.9	14.8
Viscosity Index	-	ASTM D2270	111	107
Pour point	°C	ASTM D97	-36	-30
T.B.N	mgKOH/g	ASTM D2896	13	13

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

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[www.lubricants.total.com](http://www.lubricants.total.com)



This lubricant does not cause adverse health effects when used in the intended application.  
A safety datasheet is accessible on request from your local dealer or on the website [www.quickfds.com](http://www.quickfds.com)