



# CAPRANO ENERGY FE 15W-30



**Mineral** lubricant for **fast-running engines** used in **marine and leisure sectors**, with **Fuel Economy** technology.

## SPECIFICATIONS AND APPROVALS

International specifications	ACEA E7 A3/B4/B3	API CI-4/SL
<b>Manufacturers' approvals</b> <ul style="list-style-type: none"><li>✓ Baudouin Performance B</li><li>✓ Cummins CES 20078/20077</li><li>✓ MAN M 3275</li><li>✓ MTU Category 2</li><li>✓ Volvo VDS-3</li><li>✓ Wärtsilä-Poyaud UD 18/23/25/150/30</li></ul>	<b>Meets the requirements of</b> <ul style="list-style-type: none"><li>✓ Caterpillar ECF-2</li></ul> <b>Suitable for the following engines</b> DEERE, DEUTZ, HONDA, LOMBARDINI, NANNI, PERKINS, SUZUKI, TOHATSU, VOLKSWAGEN, YANMAR...	

## APPLICATIONS

TOTAL CAPRANO ENERGY FE 15W-30 is a **mineral** lubricant suitable for **fast-running navigation engines** (marine and leisure sectors), included engines with exhaust gas recirculation.

TOTAL CAPRANO ENERGY FE 15W-30 is adapted to **Diesel** and **gasoline engines** and can be used for lubricating auxiliary units.

## PERFORMANCES AND CUSTOMER BENEFITS

Its **FUEL ECONOMY** technology helps save up to 5% fuel, compared to an SAE 40 grade reference lubricant.

TOTAL CAPRANO ENERGY FE 15W-30 contains **excellent viscosity stability in service**, guaranteeing efficient engine lubrication in severe conditions.

**Outstanding detergent, dispersant and anti-wear properties** keep the engine's most sensitive parts clean and afford efficient protection against cylinder liner polishing.

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

## PHYSICAL AND CHEMICAL CHARACTERISTICS\*

TOTAL CAPRANO ENERGY FE 15W-30		Method	Value
Density at 15°C	kg/m <sup>3</sup>	ASTM D1298	886
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	91
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	12.3
Viscosity Index	-	ASTM D2270	136
Pour point	°C	ASTM D97	-30
T.B.N	mgKOH/g	ASTM D2896	10
Sulphated Ash	% m/m	ASTM D874	1.5

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

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**TOTAL CAPRANO ENERGY FE 10W-30**

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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)