



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 API CI-4/SL

Manufacturers' approvals

- ✓ Baudouin Performance B
- ✓ Cummins CES 20078/20077
- ✓ MAN M 3275
- ✓ MTU Category 2
- ✓ Volvo VDS-3
- ✓ Wärtsilä-Poyaud UD 18/23/25/150/30

Meets the requirements of

- ✓ Caterpillar ECF-2

Suitable for the following engines

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 ³	ASTM D1298	886
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	91
Kinematic Viscosity at 100°C	mm ² /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.

TOTAL LUBRIFIANTS

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TOTAL CAPRANO ENERGY FE 10W-30

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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