



CAPRANO TDH 15W-40



Mineral lubricant for fast-running engines used in marine and leisure sectors.

SPECIFICATIONS AND APPROVALS

| International specifications | ACEA E5 A3/B3/B4 | API CH-4/SL |
|--|---|-------------|
| Manufacturers' approvals <i>Engine</i> <ul style="list-style-type: none">✓ Baudouin Performance B✓ Cummins CES 20076✓ MAN M 3275-1✓ MTU Category 2✓ Volvo VDS-2 <i>Reduction drive/Reversing gear</i> <ul style="list-style-type: none">✓ ZF TE-ML 04C | Meets the requirements of <ul style="list-style-type: none">✓ Caterpillar ECF-1a/ECF-1 Suitable for the following engines HONDA, LOMBARDINI, MITSUBISHI, MWM, PERKINS, SUZUKI, VOLKSWAGEN, YANMAR... | |

APPLICATIONS

TOTAL CAPRANO TDH 15W-40 is a **mineral** lubricant recommended for **fast-running navigation engines** (marine and leisure sectors).

It is suitable for turbocharged or naturally-aspirated **Diesel** and **4 stroke gasoline** engines.

TOTAL CAPRANO TDH 15W-40 is also adapted to auxiliary systems and transmissions.

PERFORMANCES AND CUSTOMER BENEFITS

TOTAL CAPRANO TDH 15W-40 contains **excellent viscosity stability in service**, 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.

Excellent piston cleanliness performance affords effective protection against cylinder liner polishing.

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

PHYSICAL AND CHEMICAL CHARACTERISTICS*

| TOTAL CAPRANO TDH 15W-40 | | Method | Value |
|------------------------------|--------------------|------------|-------|
| Density at 15°C | kg/m ³ | ASTM D1298 | 886 |
| Kinematic Viscosity at 40°C | mm ² /s | ASTM D445 | 99.3 |
| Kinematic Viscosity at 100°C | mm ² /s | ASTM D445 | 12.9 |
| Viscosity Index | - | ASTM D2270 | 126 |
| Pour point | °C | ASTM D97 | -30 |
| T.B.N | mgKOH/g | ASTM D2896 | 10 |
| Sulphated Ash | % m/m | ASTM D874 | 1.45 |

* 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 TDH 15W-40
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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