

# Caprano TC 40

## Diesel engine oil

### KEY DATA



Monograde Lubricant for **2-stroke Diesel** engines used in **inland navigation**.

#### INTERNATIONAL STANDARDS

🔥 API CF-2

#### MEETS THE REQUIREMENTS OF

🔥 Detroit Diesel 149/53/71/92 Marine

### APPLICATIONS

Caprano TC 40 is recommended for **turbocharged or naturally-aspirated 2-stroke Diesel engines** used in navigation under severe conditions.

It is particularly adapted to **2-stroke Detroit Diesel Diesel engines**.

Caprano TC 40 is **also suitable for other engines** (Caterpillar and 4-stroke Detroit Diesel engines) when this type of lubricant is required.

### PERFORMANCES & CUSTOMERS BENEFITS

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

## CHARACTERISTICS \*

| TEST                         | UNIT               | TEST METHOD | RESULT |
|------------------------------|--------------------|-------------|--------|
| Density at 15°C              | kg/m <sup>3</sup>  | ASTM D1298  | 893    |
| Kinematic viscosity at 40°C  | mm <sup>2</sup> /s | ASTM D445   | 155    |
| Kinematic viscosity at 100°C | mm <sup>2</sup> /s | ASTM D445   | 15.5   |
| Viscosity index              | -                  | ASTM D2270  | 102    |
| Pour point                   | °C                 | ASTM D97    | -15    |
| T.B.N                        | mgKOH/g            | ASTM D2896  | 7.2    |
| Sulphated Ash                | % m/m              | ASTM D874   | 0.8    |

\*The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications.

## RECOMMENDATIONS FOR USE

Before using the product, the vehicle's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations. If possible, the packaging should not be exposed to the elements. Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

## HEALTH, SAFETY AND THE ENVIRONMENT

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet (SDS).

This can be obtained on request from your local reseller and is available for consultation at <https://ms-sds.totalenergies.com>.

This product should not be used for any purposes other than the ones for which it is intended.

