

RUBIA TIR 7400 20W-50

DIESEL ENGINE OIL

KEY DATA



SPECIFICATIONS AND APPROVALS

International Specifications:

ACEA E7

API CI-4/CH-4/SL

Manufacturers' Approvals:

✓ MB-Approval 228.3

Meets the Requirements of:

✓ MAN M 3275

✓ CATERPILLAR ECF-1-a

TECHNOLOGY

Pro-Efficient technology

Protection approved by professionals, for maximum efficiency.

The Pro-Efficient Technology protects and improves the efficiency of professional engines by ensuring reduced mechanical wear and extended oil drain intervals. Meaning longer engine life, less breakdowns and reduced maintenance costs.



APPLICATIONS

TOTAL RUBIA TIR 7400 20W-50 is a **mineral** lubricant used in **on-road diesel** technology.

It is recommended to **Euro 3**, and previous engines of **most European and American manufacturers**.

It is also adapted to **Euro 5** and previous engines of **some manufacturers** with **appropriate oil drain interval**.

TOTAL RUBIA TIR 7400 20W-50 enables coverage some fleet of mixed brands (American and European manufacturers) with a minimal number of products.

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PERFORMANCES AND CUSTOMER BENEFITS

TOTAL RUBIA TIR 7400 20W-50 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 efficient control of soot, sludge and piston deposits.

Piston cleanliness performance affords effective protection against cylinder liner polishing.

PHYSICAL AND CHEMICAL CHARACTERISTICS*

TEST	UNIT	TEST METHOD	VALUE
Density at 15 °C	kg/m ³	ASTM D1298	886
Kinematic Viscosity at 40 °C	mm ² /s	ASTM D445	176
Kinematic Viscosity at 100 °C	mm ² /s	ASTM D445	18.7
Viscosity Index	-	ASTM D2270	123
Flash Point	°C	ASTM D92	247
Pour Point	°C	ASTM D97	-30
T.B.N	mgKOH/g	ASTM D2896	11.2
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.

RECOMMENDATIONS FOR USE

Before using the product, it is important to check the service manual of the vehicle: the drain is carried out according to the manufacturer's requirements.

The product should not be stored at a temperature above 60 °C. Exposure to strong sunlight, extreme cold or high temperature variations must be avoided. All packages should be protected from bad weather conditions. The drums should be stored horizontally to avoid a possible contamination by water and the damage of the product label.

HEALTH, SAFETY AND THE ENVIRONMENT

Based on available information, this product does not cause adverse health effects when used in the intended application and the recommendations provided in the Safety Data Sheet (MSDS) are followed. It is accessible on request from your local dealer or on the website <https://ms-sds.totalenergies.com/totalpullwebsite/>. This product should not be used for applications other than those for which it is intended. If disposing of used product, take care to protect the environment and comply with local regulations.

PT TotalEnergies Marketing Indonesia

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Last update of this datasheet: 11/2021

Some variations can be expected under normal production conditions, but these should not affect the product's expected performance irrespective of the site. The information contained in this document is subject to change without notice. Our products can be viewed on our website at totalenergies.id.