

RUBIA TIR 8700 10W-40

DIESEL ENGINE OIL

KEY DATA



SPECIFICATIONS AND APPROVALS

International Specifications:

ACEA E9, E7, E6
API CI-4/CH-4

Manufacturers' Approvals:

- ✓ MB-Approval 228.51
- ✓ Volvo VDS-3
- ✓ Renault Trucks RLD-2
- ✓ Mack EO-N

Meets the Requirements of:

- ✓ MAN M 3477/M 3271-1
- ✓ Cummins CES 20076/77
- ✓ DAF

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 8700 10W-40 is a **synthetic technology** particularly suitable for **on-road diesel heavy-duty** applications. It is also compatible with most **gas** engines.

With its "**low-SAPS**" (low sulphated ash, phosphorus and sulphur) technology, TOTAL RUBIA TIR 8700 10W-40 protects diesel engines equipped with **post-treatment systems** such as diesel particulate filters (DPFs).

TOTAL RUBIA TIR 8700 10W-40 is particularly adapted to **Daimler Euro 6** engines. It is also suitable for **most other Euro 5 vehicle manufacturers**.

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PERFORMANCES AND CUSTOMER BENEFITS

Synthetic base stocks and high-performance additives offer **high-performance lubricant**.

Its fully synthetic composition provides exceptional thermal stability. **Outstanding detergent, antioxidant and anti-corrosion properties**, help to reach **extended oil drain intervals** and reduce maintenance costs.

The association of detergent, dispersant and anti-wear keeps the **engine's most sensitive parts clean**.

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

The advanced "**low-SAPS**" formulation of TOTAL RUBIA TIR 8700 10W-40 helps prevent the clogging of the diesel particulate filter (DPF) and extends the post-treatment system durability.

PHYSICAL AND CHEMICAL CHARACTERISTICS *

TEST	UNIT	TEST METHOD	VALUE
Density at 15 °C	kg/m ³	ASTM D1298	866
Kinematic Viscosity at 40 °C	mm ² /s	ASTM D445	98.8
Kinematic Viscosity at 100 °C	mm ² /s	ASTM D445	14.5
Viscosity Index	-	ASTM D2270	152
Flash Point	°C	ASTM D92	232
Pour Point	°C	ASTM D97	-42
T.B.N	mgKOH/g	ASTM D2896	10.4
Sulphated Ash	% m/m	ASTM D874	0.99

* 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://sdstotalms.total.com>. 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.