



RUBIA TIR 8900 FE 10W-30



Synthetic technology and "low-SAPS" diesel- and gas-engine oil, with FUEL ECONOMY technology, suitable for on-road heavy-duty applications.

SPECIFICATIONS AND APPROVALS

International specifications

ACEA E6/E7/E4-99 issue 3

API CI-4/CH-4

Manufacturers' approvals

- ✓ Mack EO-O Premium Plus
- ✓ MAN M 3477/M 3271-1
- ✓ MB-Approval 228.51
- ✓ Renault Trucks RLD-3
- ✓ Scania Low Ash
- ✓ Volvo VDS-4
- ✓ Voith Class B

Meets the requirements of

- ✓ DAF

APPLICATIONS

TOTAL RUBIA TIR 8900 FE 10W-30 is a **synthetic technology** high-performance lubricant particularly suitable for use in **on-road diesel heavy-duty** applications.

With its "**low-SAPS**" (low sulphated ash, phosphorus and sulphur) technology, TOTAL RUBIA TIR 8900 FE 10W-30 protects the latest generation of diesel engines equipped with any kind of **post-treatment systems**, such as diesel particulate filters (DPFs).

TOTAL RUBIA TIR 8900 FE 10W-30 is especially adapted to **most manufacturers' Euro 6 engines** and previous engine models, requiring long oil drain intervals, such as **DAF** (MX engines).

TOTAL RUBIA TIR 8900 FE 10W-30 is also adapted to gas engines produced by **MAN, Mercedes-Benz, Scania, Renault Trucks** and **Volvo** and some **DAF** engines.

This lubricant enables coverage of a fleet of mixed brands with a minimal number of products (American and European manufacturers).

PERFORMANCES AND CUSTOMER BENEFITS

Its **FUEL ECONOMY** technology helps save 1% fuel on average, compared to an SAE 40 grade reference lubricant. This value can reach 3% if used in combination with **FUEL ECONOMY** transmission lubricants.

High quality synthetic base stokes combined with high-performance additives make TOTAL RUBIA TIR 8900 FE 10W-30 an **exceptional performances** lubricant. Its fully synthetic composition allows **excellent thermal stability**.

Outstanding **detergent, antioxidant and anti-corrosion properties** help to reach **extended oil drain intervals** defined by manufacturers and reduce maintenance costs.

Detergent, dispersant and anti-wear additives keep the **engine clean** and enable efficient control of soot, sludge and piston deposits.

The advanced "**low-SAPS**" formulation of TOTAL RUBIA TIR 8900 FE 10W-30 improves the post-treatment system durability preventing the clogging of the diesel particulate filter (DPF).

PHYSICAL AND CHEMICAL CHARACTERISTICS*

TOTAL RUBIA TIR 8900 FE 10W-30		Method	Value
Density at 15°C	kg/m ³	ASTM D1298	861
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	72.5
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	11.3
Viscosity Index	-	ASTM D2270	147
Flash point	°C	ASTM D92	242
Pour point	°C	ASTM D97	-33
T.B.N	mgKOH/g	ASTM D2896	10
Sulphated Ash	% m/m	ASTM D874	0.97

* The features mentioned above are average values obtained with some variability in production and do not constitute a specification.

RECOMMENDATIONS

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 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 www.quickfds.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.