



TOTAL RUBIA TIR 8600 FE 10W-30



Synthetic technology lubricant for **diesel** engines, suitable for **on-road heavy-duty** applications, with **FUEL ECONOMY** technology.

SPECIFICATIONS AND APPROVALS

International specifications
ACEA E4

Manufacturers' approvals

- ✓ Mack EO-N
- ✓ MAN M 3277
- ✓ MB-Approval 228.5
- ✓ MTU Category 3
- ✓ Renault Trucks RLD-2
- ✓ Scania LDF-3
- ✓ Volvo VDS-3

Meets the requirements of

- ✓ IVECO

APPLICATIONS

TOTAL RUBIA TIR 8600 FE 10W-30 is a synthetic high-performance lubricant particularly suitable for **on-road diesel heavy-duty**.

TOTAL RUBIA TIR 8600 FE 10W-30 is recommended for **Euro 5** and previous engine models of **most manufacturers**, especially **IVECO**.

PERFORMANCES AND CUSTOMER BENEFITS

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

TOTAL RUBIA TIR 8600 FE 10W-30 is a **high-performance technology** and combines synthetic base stocks with high-performance additives.

Outstanding detergent, antioxidant and anti-corrosion properties help to reach **extended oil drain intervals**, defined by **MAN, Mercedes-Benz, Scania** and **IVECO**, and reduce maintenance costs.

TOTAL RUBIA TIR 8600 FE 10W-30 exhibits a **very high T.B.N level** (16 mgKOH/g) to neutralize acid compounds and prevent their corrosive attack.

Excellent **detergent, dispersant and anti-wear additives** keep the engine's most sensitive parts clean.

PHYSICAL AND CHEMICAL CHARACTERISTICS*

TOTAL RUBIA TIR 8600 FE 10W-30		Method	Value
Density at 15°C	kg/m ³	ASTM D1298	865
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	82.6
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	12.4
Viscosity Index	-	ASTM D2270	147
Flash point	°C	ASTM D92	253
Pour point	°C	ASTM D97	-45
T.B.N	mgKOH/g	ASTM D2896	16
Sulphated Ash	% m/m	ASTM D874	1.91

* 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.