

RUBIA TIR 7200 FE 15W-30

DIESEL ENGINE OIL

KEY DATA



SPECIFICATIONS AND APPROVALS

International Specifications:

ACEA E7
API CI-4/CH-4

Meets the Requirements of:

- ✓ Cummins CES 20078/77
- ✓ MAN M 3275

Manufacturers' Approvals:

- ✓ Mack EO-N
- ✓ MB-Approval 228.3
- ✓ Renault Trucks RLD-2
- ✓ Volvo VDS-3

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 7200 FE 15W-30 is a **mineral** lubricant used in **on-road diesel heavy-duty** applications.

TOTAL RUBIA TIR 7200 FE 15W-30 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 intervals**.

RUBIA TIR 7200 FE 15W-30

DIESEL ENGINE OIL

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.

Outstanding **detergent, dispersant and anti-wear** properties keep the engine's **most sensitive parts clean** and afford efficient protection against cylinder liner polishing, thus guaranteeing **extended engine lifespan**.

PHYSICAL AND CHEMICAL CHARACTERISTICS*

TEST	UNIT	TEST METHOD	VALUE
Density at 15 °C	kg/m ³	ASTM D1298	884
Kinematic Viscosity at 40 °C	mm ² /s	ASTM D445	89
Kinematic Viscosity at 100 °C	mm ² /s	ASTM D445	12.1
Viscosity Index	-	ASTM D2270	129
Flash Point	°C	ASTM D92	222
Pour Point	°C	ASTM D97	-30
T.B.N	mgKOH/g	ASTM D2896	10
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 <http://sds.totalms.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.