

Rubia TIR 9900 FE 5W-30

Diesel & gas engine oil

KEY DATA



Synthetic premium low-SAPS diesel-engine oil, used in on-road heavy-duty applications, with Fuel Economy technology.

INTERNATIONAL STANDARDS

- ACEA E4, E6, E7, E9
- API CJ-4/CI-4/CH-4

MANUFACTURER APPROVALS

- Mack EO-O Premium Plus
- MAN M 3677
- MB-Approval 228.51
- Renault Trucks RLD-3
- Scania LDF-4
- Volvo VDS-4

MEETS THE REQUIREMENTS OF

- DAF
- Iveco TLS E6
- Cummins CES 20081
- Ford WSS-M2C213-A1
- MAN M 3477/M 3271-1

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

Rubia Tir 9900 FE 5W-30 is a synthetic new generation lubricant suitable for use in all European Euro 6 applications (DAF, Daimler, Iveco, MAN, Scania, Volvo). It is also compatible with certain gas engines.

With its "low-SAPS" (low sulphated ash, phosphorus and sulphur) technology, Rubia Tir 9900 FE 5W-30 is specifically adapted to the latest generation of diesel engines equipped with post-treatment systems, such as diesel particulate filters (DPFs).

Rubia Tir 9900 FE 5W-30 is especially suitable for IVECO Euro 6 vehicles with extended oil drain intervals as defined by the manufacturer and has the latest approvals of MAN M 3677 and Scania LDF-4, suitable for their Euro 6 engines.

PERFORMANCES & CUSTOMER BENEFITS

- 🔥 Its FUEL ECONOMY technology helps save 1% fuel on average, compared to a SAE 40 grade reference lubricant. This value can reach 3% if used in combination with FUEL ECONOMY transmission lubricants.
- 🔥 Rubia Tir 9900 FE 5W-30 exhibits exceptional thermal stability, enable easier cold start and help to reach extended oil drain intervals.
- 🔥 The advanced “low-SAPS” formulation of Rubia Tir 9900 FE 5W-30 helps prevent the clogging of the diesel particulate filter (DPF) and extends the post-treatment system durability.

CHARACTERISTICS*

TEST	UNIT	TEST METHOD	RESULT
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	12.2
Viscosity index	-	ASTM D2270	166
Pour point	°C	ASTM D97	-42
Flash Point	°C	ASTM D92	223
T.B.N	mg KOH/g	ASTM D2896	13
Sulphated Ash	% m/m	ASTM D874	0.95

*The characteristics given above are obtained with a standard tolerance threshold during production and may not be considered specifications.

RECOMMENDATIONS FOR USE

Before using the product, the vehicle's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations.

The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations. If possible, the packaging should not be exposed to the elements. Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

HEALTH, SAFETY AND THE ENVIRONMENT

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet (SDS).

This can be obtained on request from your local reseller and is available for consultation at <https://ms-sds.totalenergies.com>.

This product should not be used for any purposes other than the ones for which it is intended.

