Rubia TIR 9200 FE 5W-30

Diesel engine oil

KEY DATA



Synthetic lubricant for diesel engines, suitable for on-road heavy-duty applications, with Fuel Economy technology.

INTERNATIONAL STANDARDS

- ACEA E4, E7

MANUFACTURER APPROVALS

- Mack EO-N
- MAN M 3277
- DTFR 15B120
- Renault Trucks RLD-2
- Volvo VDS-3
- Scania LDF-3
- Voith Class A
- Isuzu Recommended Lubricant (2023)

MEETS THE REQUIREMENTS OF

- Cummins CES 20077/20076
- IVECO TFE
- 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

Rubia TIR 9200 FE 5W-30 is a synthetic high-performance lubricant used in on-road diesel heavy-duty applications.

Rubia TIR 9200 FE 5W-30 is recommended for Euro 5 and previous engine models with approvals of most manufacturers. It is also suitable for Euro 5 IVECO engines with extended oil drain intervals (up to 150 000 km).

PERFORMANCES & 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.
- Excellent detergent, antioxidant and anti-corrosion additives help to reach extended oil drain intervals, defined by manufacturers (such as IVECO, MAN, Scania and Mercedes-Benz) and reduce maintenance costs.
- Outstanding detergent, dispersant and anti-wear properties keep the engine's most sensitive parts clean and afford efficient protection against cylinder liner polishing.

CHARACTERISTICS*

TEST	UNIT	TEST METHOD	RESULT
Density at 15 °C	kg/m^3	ASTM D1298	860
Kinematic viscosity at 40°C	mm²/s	ASTM D445	72.4
Kinematic viscosity at 100°C	mm²/s	ASTM D445	12
Viscosity index	-	ASTM D2270	158
Pour point	°C	ASTM D97	-45
Flash Point	°C	ASTM D92	220
T.B.N	mg KOH/g	ASTM D2896	16
Sulphated Ash	% m/m	ASTM D874	1.9

* 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.

TotalEnergies

Some variations can be expected under normal production conditions, but these should not affect the product's expected performance irrespective of the site. The information contained in this document is subject to change without notice. Our products can be viewed on our website at www.lubricants.totalenergies.com.