

# Rubia TIR 8900 10W-40

Diesel & gas engine oil

## KEY DATA



Synthetic technology low-SAPS lubricant, suitable for use in heavy-duty on road diesel and gas engines.

### INTERNATIONAL STANDARDS

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

### MANUFACTURER APPROVALS

- Mack EO-O Premium Plus
- MB-Approval 228.51
- Renault Trucks RLD-3
- Volvo VDS-4

### MEETS THE REQUIREMENTS OF

- MAN M 3477/M 3271-1
- DAF
- IVECO TLS E9
- Cummins CES 20081

## 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 8900 10W-40 is a semi-synthetic engine oil particularly suitable for on-road diesel heavy-duty applications.

With its "low-SAPS" (low sulphated ash, phosphorus and sulphur) technology, Rubia Tir 8900 10W-40 protects diesel engines equipped with post-treatment systems such as diesel particulate filters (DPFs).

Rubia Tir 8900 10W-40 is particularly adapted to Euro 6 and previous Mercedes-Benz and DAF engines. It is also suitable for most Euro 5 vehicle manufacturers.

Rubia Tir 8900 10W-40 is also adapted to gas engines produced by MAN, Mercedes-Benz, Renault Trucks, 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 & CUSTOMER BENEFITS

- 🔥 Synthetic base stocks and high-performance additives offer high-performance lubricant. Its semi-synthetic composition provides exceptional thermal stability. Outstanding detergent, antioxidant and anti-corrosion properties, help to reach extended oil drain intervals, required by DAF, MAN and Mercedes-Benz and reduce maintenance costs.
- 🔥 The association of detergent, dispersant and anti-wear keeps the engine's most sensitive parts clean. Excellent piston cleanliness performance affords effective protection against cylinder liner polishing. The advanced "low-SAPS" formulation of Rubia Tir 8900 10W-40 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 <sup>3</sup>	ASTM D1298	864
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	91
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	13.7
Viscosity index	-	ASTM D2270	153
Pour point	°C	ASTM D97	-39
Flash Point	°C	ASTM D92	235
T.B.N	mg KOH/g	ASTM D2896	10
Sulphated Ash	% m/m	ASTM D874	0.99

\* 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 Lubricants / Last update of this datasheet: September 22 / Rubia TIR 8900 10W-40

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](http://www.lubricants.totalenergies.com).