

# Rubia EV3R LS FE 10W-30

Diesel engine oil

## KEY DATA



Low-SAPS lubricant for diesel engines designed with high quality regenerated base oil, suitable for On-road heavy-duty applications. Developed with Fuel Economy technology based on the latest CK-4 specification.

### INTERNATIONAL STANDARDS

- 🔥 ACEA E7, E11
- 🔥 API CK-4/CJ-4/CI-4+/CI-4/CH-4

### MANUFACTURER APPROVALS

- 🔥 Cummins CES 20086
- 🔥 Mack EOS-4.5
- 🔥 DTFR 15C100
- 🔥 Renault Trucks RLD-3
- 🔥 Volvo VDS-4.5
- 🔥 FORD WSS-M2C 171-F1

### MEETS THE REQUIREMENTS OF

- 🔥 DAF PSQL 2.1E
- 🔥 IVECO
- 🔥 DDC DFS 93K222

## 3R CONCEPT

### Reduce, Reuse, Regenerate

Ready for the next chapter of circular economy.

With circular economy at its core, the 3R Concept drives our sustainability innovation in the Rubia EV3R range formulated with regenerated base oils\* to provide the same excellent performance as standard Rubia products using virgin base oils.

\* Regenerated base oil is used oil that has undergone a refining process to restore its properties and quality so that it can be reused.



## APPLICATIONS

Rubia EV3R LS FE 10W-30 is developed for the newest On-road diesel engines and suitable for existing diesel engines due to its backwards compatibility.

With its “Low-SAPS” (low sulphated ash, phosphorus and sulphur) technology, Rubia EV3R LS FE 10W-30 protects engines equipped with any kind of post-treatment systems, such as diesel particulate filters (DPFs).

Rubia EV3R LS FE 10W-30 enables coverage of a fleet of mixed brands, with only one product.

## PERFORMANCES & CUSTOMER BENEFITS

- 🔥 Rubia EV3R LS FE 10W-30 is engineered with superior shear stability, ensuring its viscosity remains consistent in heavily loaded contacts and providing robust engine protection under extreme conditions.
- 🔥 It features enhanced oxidation stability, which deters the oxidation processes, prevents the formation of harmful sludge and safeguards hotter engines.
- 🔥 This lubricant is also designed to control aeration, reducing the formation of air bubbles in the oil for improved engine efficiency.
- 🔥 The combination of high-quality regenerated base stocks and advanced additives makes Rubia EV3R LS FE 10W-30 a lubricant with exceptional technical performance. Its advanced additives maintain the cleanliness of the engine's most sensitive parts through detergent, dispersant, and anti-wear properties, effectively controlling soot, sludge, and deposits.

## CHARACTERISTICS\*

TEST	UNIT	TEST METHOD	RESULT
Density at 15 °C	kg/m <sup>3</sup>	ASTM D1298	837
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	80.1
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	12.1
Viscosity index	-	ASTM D2270	146
Pour point	°C	ASTM D97	-33
Flash Point	°C	ASTM D92	220
T.B.N	mg KOH/g	ASTM D2896	10.2
Sulphated Ash	% m/m	ASTM D874	0.9

\*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.

