

Rubia Optima 2100 XFE 10W-30

Diesel engine oil

KEY DATA



Synthetic technology low-SAPS lubricant for diesel engines, suitable for on-road heavy-duty applications, with Fuel Economy technology based on the latest FA-4 specification.

INTERNATIONAL STANDARDS

🔥 API FA-4

MANUFACTURER APPROVALS

🔥 Cummins CES 20087

🔥 FORD WSS-M2C214-B1

MEETS THE REQUIREMENTS OF

🔥 Detroit Diesel DFS 93K223

TECHNOLOGY

Inno-Boost technology

Ready for the next chapter of engine technology.

With the Inno-Boost Technology, formulations incorporate right combination of strong anti-oxidant molecules. These active molecules inhibit radical formation and keep the hydrocarbon chains intact. As a result, the engine oil viscosity remains stable and keeps its properties for longer time.



APPLICATIONS

Rubia Optima 2100 XFE 10W-30 is developed for newest on-road diesel engines (post 2016) according to OEM recommendations.

Due to its low High Temperature High Shear (HTHS) viscosity, Rubia Optima 2100 XFE 10W-30 may not be suitable for older engines, so please consult the OEM.

With its "low-SAPS" (low sulphated ash, phosphorus and sulphur) technology, Rubia Optima 2100 XFE 10W-30 protects engines equipped with any kind of post-treatment systems, such as diesel particulate filters (DPFs).

PERFORMANCES & CUSTOMERS BENEFITS

- 🔥 Rubia Optima 2100 XFE 10W-30 has the same performance as a similar grade CK-4 product but in a lower HTHS viscosity to provide enhanced fuel economy benefits.
- 🔥 Rubia Optima 2600 XFE 5W-30 is formulated with excellent shear and oxidation stability and designed to control aeration exceptionally.
- 🔥 High quality base stocks combined with high-performance additives make Rubia Optima 2600 XFE 5W-30 an exceptional technical performances lubricant.
- 🔥 Advanced additives keep the engine's most sensitive parts clean thanks to detergent, dispersant and anti-wear properties, added to effective control of soot, sludge and deposits

CHARACTERISTICS*

TEST	UNIT	TEST METHOD	RESULT
Density at 15 °C	kg/m ³	ASTM D1298	868.7
Kinematic viscosity at 40°C	mm ² /s	ASTM D445	67.2
Kinematic viscosity at 100°C	mm ² /s	ASTM D445	10.18
Viscosity index	-	ASTM D2270	137
Pour point	°C	ASTM D97	-39
Flash Point	°C	ASTM D92	223
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: January 25 / Rubia Optima 2100 XFE 10W-30

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.