Rubia ST 420

Diesel Engine Oil

KEY DATA

Monograde Engine Oil for normally aspirated and turbocharged Diesel engines, using high Sulphur fuels.

INTERNATIONAL STANDARDS

- API CF

APPLICATIONS

Rubia ST 420 can be used in all turbocharged or atmospheric diesel engines operating under severe operating conditions, such as in locomotives, power generators or construction machines, with diesel fuel having a sulphur content of up to 1.0 %.

PERFORMANCES & CUSTOMER BENEFITS

- Highly effective detergency and dispersiveness to keep the engine clean
- Very good resistance to oxidation to protect the engine, whether it is idling or in difficult operating conditions (hot climate, mountainous area, difficult work...)
- Very high TBN for the neutralization of combustion acids due to Sulfur
- Very stable viscosity during use

CHARACTERISTICS*

TEST	UNIT	TEST METHOD	RESULT
Viscosity grade		SAE	40
Kinematic viscosity at 40°C	mm²/s	ASTM D445	155
Kinematic viscosity at 100°C	mm²/s	ASTM D445	15.5
Viscosity Index		ASTM D2270	102
Pour point	°C	ASTM D97	-12
Flash point	°C	ASTM D92	230
T.B.N	mg KOH/g	ASTM D2896	20

* 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.

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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.