

RUBIA S 10W / 20W-20 / 30 / 40 / 50

DIESEL ENGINE OIL

KEY DATA



SPECIFICATIONS AND APPROVALS

International Specifications:

API CF/SF

APPLICATIONS

TOTAL RUBIA S 10W/20W-20 are **mineral lubricants** recommended for **hydraulic systems and transmissions**. These lubricants are particularly adapted to **on-road and off-road applications**: construction, mining, agriculture.

TOTAL RUBIA S 30/40/50 are mineral lubricants recommended for **old diesel engines** of transport, public works materials, agricultural vehicles, etc. They are also suitable for **stationary engines**.

TOTAL RUBIA S 30/40/50 are suitable for all diesel engines when a **corresponding grade lubricant is recommended**.

PERFORMANCES AND CUSTOMER BENEFITS

TOTAL RUBIA S 10W/20W-20/30/40/50 retain **excellent anti-wear protection**.

The **anti-rust and anti-corrosion properties** protect the hydraulic circuit components and **ensure long equipment life**.

TOTAL RUBIA S 10W/20W-20/30/40/50 exhibits **good resistance to oxidation**, avoiding oil thickening and preventing the formation of deposits and varnishes.

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PHYSICAL AND CHEMICAL CHARACTERISTICS *

TEST	UNIT	TEST METHOD	10W	20W-20	30	40	50
Density at 15 °C	kg/m ³	ASTM D1298	881	885	895	880	890
Kinematic Viscosity at 40 °C	mm ² /s	ASTM D445	34	68	103	126.2	202
Kinematic Viscosity at 100 °C	mm ² /s	ASTM D445	5.8	8.8	11.5	13.3	18.2
Viscosity Index	-	ASTM D2270	112	102	98	99	99
Flash Point	°C	ASTM D92	>220	>220	>220	>220	>220
Pour Point	°C	ASTM D97	-33	-30	-24	-24	-9
T.B.N	mgKOH/g	ASTM D2896	11	11	11	11	11
Sulphated Ash	% m/m	ASTM D874	1.54	1.54	1.52	1.52	1.54

* The features mentioned above are average values obtained with some variability in production and do not constitute a specification.

RECOMMENDATIONS FOR USE

Before using the product, it is important to check the service manual of the vehicle: the drain is carried out according to the manufacturer's requirements.

The product should not be stored at a temperature above 60 °C. Exposure to strong sunlight, extreme cold or high temperature variations must be avoided.

All packages should be protected from bad weather conditions. The drums should be stored horizontally to avoid a possible contamination by water and the damage of the product label.

HEALTH, SAFETY AND THE ENVIRONMENT

Based on available information, this product does not cause adverse health effects when used in the intended application and the recommendations provided in the Safety Data Sheet (MSDS) are followed.

It is accessible on request from your local dealer or on the website <http://sdstotalms.total.com>.

This product should not be used for applications other than those for which it is intended.

If disposing of used product, take care to protect the environment and comply with local regulations.