



# RUBIA SX

## 10W / 20W-20 / 30 / 40 / 50



Single grade mineral lubricants, suitable for **hydraulic circuits, engines and gearboxes** of trucks, agricultural equipments, land earthmoving or quarries machinery.

### SPECIFICATIONS AND APPROVALS

International standards :

API CF / SF

### APPLICATIONS

All Hydraulic circuits, Gearboxes and Engines when the manufacturer requires a single-grade "Engine oil" type lubricant.

The viscosity grade has to be chosen according to the following table :

	10W	20W-20	30	40	50
<b>Hydraulic circuits</b>	✓	✓	✓	✓ (HT)	Not advised
<b>Gearboxes</b>	✓ (LT)	✓	✓	✓	✓ (HT)
<b>Engines</b>	Not advised	✓ (LT)	✓	✓	✓ (HT)

HT = High ambient Temperature (> 40°C)

LT = Low ambient Temperature (< -25°C)

### PERFORMANCES AND CUSTOMER BENEFITS

TOTAL RUBIA SX formulations exhibit good thermal stability ensuring efficient lubrication in normal working conditions, without any deposits or varnishes on Hydraulic valves, gears or hot engine parts.

Thanks to the high quality of its components, TOTAL RUBIA SX series represent a very cost effective choice without compromising on the technical performances.

Its reinforced Base Number (TBN) together with high quality base oils allow a possible extension of the drain interval in Engines, in Hydraulic circuits and in Gearboxes, compared to other classical single grades.

Its very low Pour Point makes it possible the immediate start of the machinery, even under very low temperature. Its good filterability provides a fast lubrication of the organs, when starting.

### PHYSICAL AND CHEMICAL CHARACTERISTICS\*

TOTAL RUBIA SX	Method	10W	20W-20	30	40	50	
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	6.1	8.9	11.5	14.5	18.2
Kinematic Viscosity at 40°C	m <sup>2</sup> /s	ASTM D445	36	65	96	137	193
Viscosity Index	-	ASTM D2270	116	111	108	105	104
Pour Point	°C	ASTM D97	-42	-36	-30	-27	-15
T.B.N	mg KOH/g	ASTM D2896	11	11	11	11	11

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

#### TOTAL LUBRIFIANTS

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#### TOTAL RUBIA SX

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[www.lubricants.total.com](http://www.lubricants.total.com)



This lubricant does not cause adverse health effects when used in the intended application.

A safety datasheet is accessible on request from your local dealer or on the website [www.quickfds.com](http://www.quickfds.com)