

RUBIA WORKS 2500 10W-40

*"**Low SAPS**" lubricant especially developed for **earthmoving**, **mining** and **quarries machinery engines**.*

SPECIFICATIONS AND APPROVALS

International specifications	**ACEA E6/E9/E4-99/E7**	**API CI-4**

Manufacturers' approvals

- ✓ DEUTZ DQC IV-10 LA
- ✓ DEUTZ TTCD 7.8/6.1 L6
- ✓ MTU Category 3.1
- ✓ MAN M 3477
- ✓ MB-Approval 228.51
- ✓ VOLVO VDS-3
- ✓ MACK EO-N
- ✓ RENAULT VI RLD-2

Meets the requirements of

- ✓ CATERPILLAR ECF-1a

Recommended in machinery engines

- ✓ LIEBHERR, BELL, WIRTGEN, VOGELE...

APPLICATIONS

TOTAL RUBIA WORKS 2500 10W-40 is especially suitable for **engines** used in **earthmoving activities** (quarrying, constructions, mining…)

This lubricant withstands **very long working periods** under severe conditions and high load, with dust and heat.

TOTAL RUBIA WORKS 2500 10W-40 is recommended for German engines that meet **European standard Stage IV** and **American standard EPA Tier 4 final**, requiring ACEA E4 or E6 lubricant.

Thanks to its **"low-SAPS"** (low Sulphated Ash, Phosphorus and Sulphur) technology, TOTAL RUBIA WORKS 2500 10W-40 is designed for the latest Diesel engines equipped with **post-treatment systems,** such as Diesel particulate filters (DPF).

PERFORMANCES AND CUSTOMER BENEFITS

TOTAL RUBIA WORKS 2500 10W-40 exhibits **excellent thermal stability** ensuring efficient lubrication of hot engine pieces during severe and long working periods.

The advanced **"low-SAPS"** formulation TOTAL RUBIA WORKS 2500 10W-40 helps prevent the clogging of the Diesel particulate filter (DPF) and extends the post-treatment system durability.

PHYSICAL AND CHEMICAL CHARACTERISTICS*

TOTAL RUBIA WORKS 2500 10W-40		**Method**	**Value**
Kinematic Viscosity at 40°C	mm^2/s	ASTM D445	90
Kinematic Viscosity at 100°C	mm^2/s	ASTM D445	14.1
Viscosity Index	-	ASTM D2270	161
Pour Point	°C	ASTM D97	-33
T.B.N	mgKOH/g	ASTM D2896	9.7
Sulphated Ash	% m/m	ASTM D874	<1

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

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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