RUBIA WORKS 2000 10W-40

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

SPECIFICATIONS AND APPROVALS

International specifications ACEA E9/E7/E5 API CJ-4/CI-4 plus/CI-4/SM JASO DH-2 (Approved D033TOL606)

Manufacturers' approvals
- ✓ Cummins CES 20081
- ✓ Deutz DQC III-10 LA
- ✓ Mack EO-O Premium Plus
- ✓ MAN M 3575
- ✓ MB-Approval 228.31
- ✓ MTU Category 2.1
- ✓ Renault RLD-3
- ✓ Volvo VDS-4

Meets the requirements of
- ✓ Caterpillar ECF-3/ECF-2/ECF-1a
- ✓ Komatsu KES 07-0851-2

D033TOL606
DH-2
PRODUCT MEETING JASO M 355
COMPANY GUARANTEEING THIS PERFORMANCE:
TOTAL LUBRIFIANTS

Suitable for the following engines
CASE NEW-HOLLAND, DEERE, HITACHI, ISUZU, JCB, LIEBHERR, MITSUBISHI, PERKINS…

APPLICATIONS

TOTAL RUBIA WORKS 2000 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 2000 10W-40 is recommended for recent technology engines that meet **European standard Stage IV** and **American standard EPA Tier 4 final**.
TOTAL RUBIA WORKS 2000 10W-40 is particularly suitable for American, European and Japanese engines.

Thanks to its **"low-SAPS"** (low Sulphated Ash, Phosphorus and Sulphur) technology, TOTAL RUBIA WORKS 2000 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 2000 10W-40 exhibits **excellent thermal stability** ensuring efficient lubrication of hot engine pieces during severe and long working periods.

Its **high viscosity** resists to high pressure between engine pieces and supports an eventual fuel dilution.

The advanced **"low-SAPS"** formulation TOTAL RUBIA WORKS 2000 10W-40 helps prevent the clogging of the Diesel particulate filter (DPF) and extends the post-treatment system durability.

It is adapted to **all engines brands and types** of old or recent generation.

PHYSICAL AND CHEMICAL CHARACTERISTICS*

TOTAL RUBIA WORKS 2000 10W-40		Method	Value
Kinematic Viscosity at 40°C	mm^2/s	ASTM D445	109
Kinematic Viscosity at 100°C	mm^2/s	ASTM D445	15.5
Viscosity Index	-	ASTM D2270	150
Pour Point	°C	ASTM D97	-36
T.B.N	mgKOH/g	ASTM D2896	10.5
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.

TOTAL LUBRIFIANTS
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afaq ISO 9001 Qualité AFNOR CERTIFICATION

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