



RUBIA WORKS 2000

10W-40



TOTAL

“Low SAPS technology” lubricant specially developed for Earthmoving or Construction machinery engines, with or without Diesel Particulates Filter.

USES

Earthmoving and Mining segments

All engines conform to TIER 1, 2, 3 and 4 interim Standards

- Particularly dedicated to the lubrication, throughout the year of engines used in Earthmoving activities like quarries, constructions, minings, etc...
- More generally, is recommended for engines working during long full load periods or under repetitive speeding up and idle phases, with dust and warm.
- Specially recommended for recent technology engines meeting the last EURO Phase IIIB or US EPA TIER 4 interim pollution Standards.
- Specifically developed for Japanese, American and European engines.

PERFORMANCES

Classifications



PRODUCT MEETING JASO M 355
COMPANY GUARANTEEING THIS PERFORMANCE:
TOTAL LUBRIFIANTS

OEMs approvals

Conform to the specifications

Suitable in engines

JASO : DH-2 (Approuval D033TOL606)
ACEA : E9 / E7 (E5)
API : CJ-4 / CI-4 plus / CI-4 / SM

MERCEDES-BENZ : MB-Approval 228.31
DEUTZ : DQC III-10 LA
VOLVO : VDS-4
MAN : M 3575
MTU : Category 2.1
CUMMINS : CES 20081
RENAULT : RLD-3

CATERPILLAR : ECF-3 / ECF-2 / ECF-1a
KOMATSU : KES 07-851-2

HITACHI, ISUZU, MITSUBISHI, DEERE, PERKINS, CASE NEW-HOLLAND, LIEBHERR, JCB, etc...

CUSTOMER ADVANTAGES

Total security

All post-treatment systems

All engines compatible

- High oxidation resistance and thermal stability ensuring a very good lubrication of hot engine pieces, especially during severe and long working periods.
- Its “Low SAPS” formulation is adapted to all exhaust gaz post-treatment systems and particularly improves the durability of the Diesel Particulate Filters
- Suitable in all engine brands and types of old or recent technology

CHARACTERISTICS

RUBIA WORKS 2000	Unités	10W-40
Kinematic Viscosity at 40 °C	mm ² /s (cSt)	107
Kinematic Viscosity at 100 °C	mm ² /s (cSt)	15.5
Ash content	%	1.0
TBN	mg KOH/g	10.3

The typical characteristics mentioned represent mean values

TOTAL LUBRIFIANTS
562 avenue du Parc de l'île
92029 NANTERRE
FRANCE

RUBIA WORKS 2000 10W-40
Sheet updated : 01/2013



This lubricant, when used according to our recommendations and for the purpose for which it is intended, presents no particular hazard. A safety data sheet complying with current EC legislation can be obtained from your local sales representative.