



Public works / Building sites / Quarries / Mining operations

RUBIA WORKS 2000 FE

10W-30



Very high-performance lubricant for all diesel engines,
with or without particulate filters



TOTAL

RUBIA WORKS RANGE

APPLICATIONS

Lubricant for engines with or without particulate filters

for use with Public Works, Mining or Quarries.

MAIN ADVANTAGES

Certifications

Lubricant which is in compliance with international norms and which meets manufacturers' strictest requirements.

Low ash content



Fuel economy



Detergency



Cleanliness

Reduced oil consumption



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Generally for use with all engines that are required to operate for **long periods of time at full capacity** or with repeated acceleration and idling cycles.

Specifically developed for use with **Japanese engines**, but can also be used with American and European engines.



International

JASO DH-2 (approval N° D033TOL604)
ACEA E9/E7 (E5) • API CJ-4/ CI-4plus/ CI-4/SM.

Constructors

DAIMLER MB-Approval 228.31 • DEUTZ DQC III-LA-10
VOLVO VDS-4 • MAN M 3575 • MTU Category 2.1

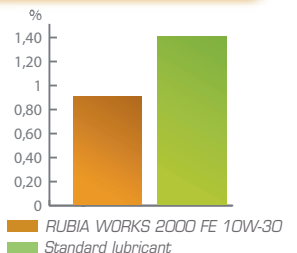
CUMMINS CES 20081 • RENAULT RLD-3

In compliance with specifications: CATERPILLAR ECF-3/ ECF 2/ ECF -1a
KOMATSU EO

Suitable for Engines

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

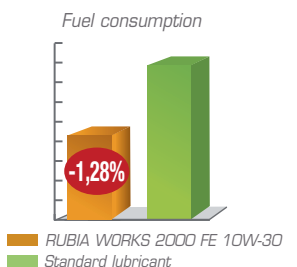
Too high an ash content results in the particulate filter getting clogged up very quickly. This is why RUBIA WORKS 2000 FE 10W-30 has lower Ash, Phosphorus and Sulphur contents.



According to tests carried out by an independent European technical centre, RUBIA WORKS 2000 FE 10W-30 can result in fuel savings of 1.28% at high temperatures compared with a standard 15W-40 lubricant.

* which accounts for 90% of usage

For example, a loader which uses 30 L/hour over a period of 1000 hours can **save 400 L/year or more.**



The Japanese JASO DH-2 standard is only awarded to engine oils which offer the best wear prevention.

RUBIA WORKS 2000 FE 10W-30 obtained excellent results: only 44.2 µm of wear compared with 264.2 µm for the JASO reference oil.



Caterpillar only authorises the use of lubricants which provide its engines with flawless internal cleanliness and which result in only small quantities of oil being required during operation.

The Caterpillar C13 engine test is used to select the best oils according to these criteria. RUBIA WORKS 2000 FE 10W-30 obtained one of the best scores on the market.

