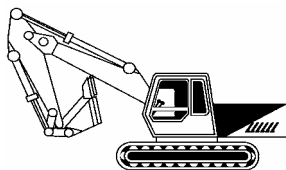


TP MAX 10W-40



« 3 functions » lubricant developed for materials used in Public Works or Quarries.
TP MAX 10W-40, added to TP TRANS 80W-90, form the concept "TOTAL TP CONCEPT".

USES

3 functions :

① Engines

② Hydraulics Systems

③ Manuel or powershift Gearboxes

All Seasons

- TP MAX makes it possible to lubricate Diesel engines of the last generation, notably the cleaner engines according to the TIER 1, TIER 2 or TIER 3 (Euro IIIa) standards. It can lubricate the small gasoline engines and the piston-compressors.
- TP MAX applies in all hydraulic systems, high or low pressure, equipped of very high performance filters, in the inlet or outlet of oil.
- TP MAX lubricates the oldest or current gearboxes, powershift or manuel without power take-off or some retarders, which need specific lubricants.
- TP MAX can be used in all seasons due to its high viscosité index :
 - very fluid at cold temperature, with easy cold starting of organs with an effective and rapid filtration, even in Winter season.
 - thick at high temperature, keep an optimal lubrication and a low oil consumption due to its non-conventionnal base oil.

PROPERTIES

API CI-4 / CH-4
ACEA E7 / E5
GLOBAL DHD-1

Approved or conform to
the biggest manufacturer
requirements

● Engine Applications : SAE 10W-40
CATERPILLAR : ECF-1
MERCEDES : MB page 228.3
VOLVO : VDS-3
RENAULT : RLD

DEUTZ : DQC II - 05
CUMMINS : 200076 / 20077 / 20078
MTU : Cat. 2
MAN : M 3275

● Transmission Applications :
API GL-4 / SAE 30 in service
CATERPILLAR TO-2
ALLISON C4 (Old spec.)

● Hydraulic Applications :
AFNOR HV 68 (46/68 in use)
ZF TE ML 07C
CATERPILLAR : HYDO

CUSTOMER BENEFITS

Simplification
Technicals
properties
Security
Costs reduction

- Allows to cancel many supplying within specifics products
- Reaches the highest quality levels required by the manufacturers for their engines (E7/CI-4), transmissions (GL-4) and hydraulics systems (HV class)
- Cancels all potentiality of lubricant applications errors
- Enable longer drain intervals under specific conditions

CHARACTERISTICS

	Units	Grade 10W-40
Viscosity at 40°C	mm ² /s	81.5
Viscosity at 100°C	mm ² /s	13.0
Viscosity Index		160
Flash point Cleveland	°C	235
Pour point	°C	- 42

All values are typical values.

TOTAL LUBRIFIANTS
16, rue de la République
92800 PUTEAUX

TP MAX 10W-40
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N° MPR 01/06



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