



L'huile des records du monde

# TPX 5 - SAE 10W-40

## Semi synthetic lubricant for heavy construction equipment

### USES

**Multifunctional** oil, especially formulated to lubricate all parts of construction equipment :

- Diesel engines
- Transmissions equipped –or not- of immersed brake systems
- Hydraulic systems

Can also be used for some types of compressors (please, contact our technical services).

### MAIN CHARACTERISTICS

		Units	10W-40
Density at	20° C	kg/m <sup>3</sup>	870
Kinematic viscosity at	40° C	mm <sup>2</sup> /s	86
Kinematic viscosity at	100° C	mm <sup>2</sup> /s	13
Viscosity Index			152
Pour Point		° C	- 39
Flash Point Cleveland open cup		° C	>220
Dynamic viscosity at	-25° C	mPa.s	6200

The data given in this table are typical values from production and cannot be specifications in any case.

### PROPERTIES & ADVANTAGES

- High detergent and dispersant properties and outstanding shear stability
- Very good resistance to oxidation for a high thermal stability
- The SAE 10W grade provides easier cold starts and allows a faster answer from the hydraulic systems (compared to a standard multifunctional oil)
- The grade SAE 40 provides optimal lubrication (engine, gears, hydraulic systems) at high temperature.
- Good extreme pressure properties
- Keeps an excellent mechanical stability of the oil film (hydraulic pumps and gears)
- Maintains an efficient protection against engine wear and all other components of heavy construction equipment

### PERFORMANCES

**ENGINE:** API CG-4/CF-4 / SF, ACEA E3/E2

**TRANSMISSION:** API GL4+, ALLISON C4, Caterpillar TO-2, ZF TE-ML 06B, 07B

**HYDRAULIC:** AFNOR HV 68/100

**STOU:** JOHN DEERE J27, Ford M2C 159B/C, Massey Ferguson M 1144 et M 1139, New Holland 82009201/2/3/

**UTTO:** Case MS 1206/1207, Ford M2C134D and M2C134C, John Deere J20C and J20A Massey Ferguson M 1135 and M 1127A

