



ORLEN OIL MULTI PTF 10W

General features

Singlegrade semisynthetic hydraulic-gear oil PTF (Power Transmission Fluid) 10W meets severe requirements of Caterpillar TO-4. It is characterized by very good anti-wear properties, maximize reduces wear of transmission parts, provides a quieter working brakes, shows very good compatibility with sealing materials, layout and very good resistance to oxidation. High viscosity index provides a very good viscosity-temperature characteristics. The use of synthetic base, specially selected additives with antioxidative and anticorrosion properties and which improve lubricating properties and resistance to foaming oil provides a long lifetime of transmissions and brakes.

Application

ORLEN OIL Multi PTF 10W TDTO (Transmission and Drive Train Oil) is designed for work in severe conditions in the U.S production of gearboxes, powershift transmission, transmission systems and hydraulic systems of hard construction equipment, tractors and loaders. Because of very good low-temperature properties this oil can be used in low ambient temperatures during the winter. It must not be applied as engine oils.

Viscosity grad

SAE: 10W

Meets requirements:

Komatsu Dresser HMS B21-0006
Komatsu Micro-Clutch
Caterpillar TO-4
Alison C-4,
Komatsu KES 07.868.1,
ZF TE-ML-03C

Physical and chemical properties

Parameters	Unit	Typical values
Viscosity grade SAE	-	10W
Kinematic viscosity at. 100 °C	mm ² /s	6,8
Kinematic viscosity At. 40 °C	mm ² /s	42,6
Viscosity index	-	118
Flash point (open cup)	°C	238
Pour point	°C	-36

Note: Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each production batch.

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