



MTO-4 30 - 50

Transmission Oil

Specification CATERPILLAR TO-4

2 viscosities: SAE 30 and SAE 50

TYPE OF USE

Specially designed to meet CATERPILLAR TO-4 specification.

All types of trucks, bulldozers, civil engineering and farming machines, generators, buses...

Mechanical transmissions, torque converters and Powershift transmissions when CATERPILLAR TO-4 specification is recommended.

MOTUL MTO-4 50 is particularly recommended for final drive and differential. For equipment where CATERPILLAR GO specification is recommended, use MOTUL GEARBOX 80W-90 or MOTUL HD 80W-90.

Hydraulic systems: MOTUL MTO-4 30 can be used for CATERPILLAR HYDO specification.

Compatible with wet brakes.

PERFORMANCES

TRANSMISSION

MOTUL MTO-4 30 corresponds to SAE 85W viscosity grade.

MOTUL MTO-4 50 corresponds to SAE 90 viscosity grade.

API GL-4

ALLISON C-4

MOTUL MTO-4 30: ALLISON TES 439

CATERPILLAR TO-2, TO-4 and TO-4M

KOMATSU KES 07.868.1

TDTO – Transmission Drive Train Oil

UTTO – Universal Tractor Transmission Oil

HYDRAULIC

MOTUL MTO-4 30 corresponds to ISO HM 100 viscosity grade

MOTUL MTO-4 30: CATERPILLAR HYDO

SPERRY VICKERS / EATON: M2950S and I-280-S

ENGINE

MOTUL MTO-4 30: API CD - SAE 30

Very high lubricating power which decreases wear and increases transmission durability.

High detergency and dispersive properties.

Anti-oxidation, Anti-corrosion, Anti-rust, Anti-foam.

Oil change: According to manufacturers' requirements and oil test results.

PROPERTIES

	SAE J 300	30	50
Viscosity grade	ASTM D1298	0.892	0.898
Density at 20°C (68° F)	ASTM D445	105 mm ² /s	215 mm ² /s
Viscosity at 40°C (104°F)	ASTM D445	11.4 mm ² /s	18.6 mm ² /s
Viscosity at 100°C (212°F)	ASTM D2270	94	96
Viscosity Index	ASTM D92	252°C / 485.6°F	258°C / 496.4°F
Flash Point	ASTM D97	-27°C / -16.6°F	-15°C / 5°F
Pour Point	ASTM D2896	7.8 mg KOH/g	7.7 mg KOH/g
TBN			

We retain the right to modify the general characteristics of our products in order to offer to our customers the latest technical development.

Product specifications are not definitive from the order which is subject to our general conditions of sale and warranty.

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