

MTO-4 10W

**Lubricant for hydraulic systems and hydrostatic transmissions
Specification CATERPILLAR TO-4**

TYPE OF USE

Specially designed to meet CATERPILLAR TO-4 specification.

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

For mechanical transmissions, torque converters and Powershift transmissions when CATERPILLAR TO-4 specification in viscosity grade SAE 10W is required.

MOTUL MTO-4 10W is particularly recommended for mechanical transmissions, torque converters, and hydraulic systems when such engine oil is recommended by manufacturers.

For equipment where CATERPILLAR TO-4 specification in viscosity grade SAE 30 or 50 is recommended, use MOTUL MTO-4 30 or MOTUL MTO-4 50.

For equipment where CATERPILLAR GO specification is recommended, use MOTUL GEARBOX 80W-90 or MOTUL HD 80W-90.

PERFORMANCES

STANDARDS API GL-4
 TREMAC/TTC

PERFORMANCES CATERPILLAR TO-2, CATERPILLAR TO-4, EATON FULLER, EATON I-280-S, EUCLID ,
 KOMATSU KES 07.868.1, SPERRY NEW HOLLAND I-280-S, VICKERS I-280-S,
 VICKERS M-2950-S

Reduces deposits and provides high protection for extended equipment lifetime duration.

High dispersant levels to reduce deposits build up and to avoid oil filter clogging.

Anti-wear properties for high protection.

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

RECOMMENDATIONS

Drain interval: refer to manufacturers' recommendations and tune to your own use.

Can be mixed with synthetic or mineral oils.



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PROPERTIES

Viscosity grade	SAE J 300	10W
Density at 20°C (68°F)	ASTM D1298	0.873
Viscosity at 40°C (104°F)	ASTM D445	43.8 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	6.8 mm ² /s
Viscosity Index	ASTM D2270	109.0
Pour point	ASTM D97	-36.0 °C / -33.0 °F
Flash point	ASTM D92	234.0 °C / 453.0 °F
TBN	ASTM D2896	7.7 mg KOH/g

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 definitive from the order which is subject to our general conditions of sale and warranty. Made in FRANCE

MOTUL - 119 Bd Félix Faure - 93303 - AUBERVILLIERS CEDEX - BP 94 - Tel: 33 1 48 11 70 00 - Fax: 33 1 48 33 28 79 - www.motul.com