

Lubricant for transmission, axles, final drives, wet brakes and hydraulic systems

UTTO – Universal Tractor Transmission Oil

TDTO – Transmission Drive Train Oil

Mineral – *NGEN Core®*

TYPE OF USE

MULTIA SUPRA UTTO 10W TO-4 is specifically formulated for use in heavy-duty transmissions, final drives, hydraulic systems, and wet brake applications in agricultural, construction, and off-road machinery. Produced from premium mineral base oils and an advanced additive system, it meets the demanding Caterpillar TO-4 performance requirements and ensures excellent wear protection, stable frictional properties, and outstanding system cleanliness.

The robust **NGEN Core®** formulation combines premium re-refined and virgin base oils with advanced additive technology, ensuring dependable protection and performance under the severe operating conditions typical of heavy-duty equipment and fleet operations.

It is particularly well-suited for the latest generation of Caterpillar construction equipment and is highly effective in the drive-trains, powershift transmissions, wet brakes, and hydraulic systems of heavy-duty off-road vehicles such as wheel loaders, bulldozers, tractors, dump trucks, container handling machines, airport tugs, shunting vehicles, etc.

PERFORMANCES

STANDARDS	API GL-4
APPROVALS	CATERPILLAR TO-4 ZF TE-ML 03C
PERFORMANCES	Allison C-4 KOMATSU KES 07.868.1 Sperry-Vickers I-286-S Sperry-Vickers M-2950-S ZF TE-ML 07D

MULTIA SUPRA UTTO 10W TO-4 is also recommended for use in hydraulic systems requiring a Caterpillar TO-2 lubricant and is also suitable for use where Eaton-Fuller, Euclid or Tremec/TTC call for TO-4.

MULTIA SUPRA UTTO 10W TO-4 provides very high lubricating power to minimize wear and enhance transmission dura-



MOTUL MULTIA SUPRA UTTO 10W TO-4

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bility, combined with strong detergency and dispersancy as well as effective protection against oxidation, corrosion, rust, and foaming.

RECOMMENDATIONS

Oil changes should be performed according to the manufacturer's recommendations. Consult your vehicle's owner's manual or contact a dealer for specific guidelines, as they vary.

We also recommend the use of an oil monitoring program to optimize oil change intervals and maximize equipment protection.

PROPERTIES

Color	ASTM D1500	Amber
Viscosity grade	SAE J 300	10W
Density at 20°C (68°F)	ASTM D1298	0.865
Viscosity at 40°C (104°F)	ASTM D445	41.9 mm²/s
Viscosity at 100°C (212°F)	ASTM D445	6.8 mm²/s
Viscosity Index	ASTM D2270	117
Pour point	ASTM D97	-39.0 °C / -38.0 °C
Flash point	ASTM D92	234 °C / 453 °F

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.

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