

CHAMPION TDTO SAE 10W

This is a lubricant, which has been specifically formulated to satisfy the requirements of Caterpillar TDTO [Transmission/Drive Train Oil].

APPLICATIONS

Has been developed for use in Caterpillar friction devices, like power shift transmissions, clutches and brakes and in other drive train components, such as final drives, bevel gears and differentials. This oil is also suitable as hydraulic oil [CAT HYDO ADVANCED 10] in Caterpillar equipment.

FEATURES

Anti-wear and oxidation stability: superior protection of critical parts
Cold start: excellent fluidity at low temperature

SPECIFICATIONS

ISO	32	EATON VICKERS	I-280-S
ALLISON	C4	EATON VICKERS	M-2950-S
CATERPILLAR	TO-2	KOMATSU	KES 07.868.1
CATERPILLAR	TO-4	ZF	approval TE-ML 03C

TYPICAL CHARACTERISTICS

Test	Method	Unit	Average results
Density at 15°C	ASTM D4052	g/ml	0.853
Kinematic viscosity at 40°C	ASTM D445	mm²/s	36.3
Kinematic viscosity at 100°C	ASTM D445	mm²/s	6.33
Viscosity index	ASTM D2270		125
B.N. [HClO4 method]	ASTM D2896	mg KOH/g	9.4
Pour point	ASTM D6892	°C	-33
Flash Point COC	ASTM D92	°C	230

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.

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