



WIN TORQUE FLUID TDTO (TO-4)

Transmission Drive Train Oil

WIN TORQUE FLUID TDTO (TO-4) is transmission drive train oil formulated to meet Caterpillar TO-4 requirement.

PERFORMANCE STANDARDS

WIN TORQUE FLUID TDTO (TO-4) meets the following performance requirements:

- Caterpillar TO-4
- Komatsu Micro-Clutch
- Allison C-4
- ZF TE-ML 01, 03, 04, 10, 14
- Eaton Fuller
- API CF, CF-2

BENEFITS

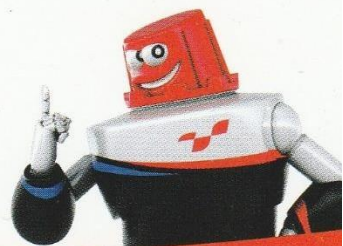
WIN TORQUE FLUID TDTO (TO-4) meets the following benefits:

- Provides excellent friction control
- Exhibits less brake noise
- Reduce gear wear
- Exhibits good elastomer compatibility
- Provides excellent oxidation stability
- Prolongs the life of brakes and transmissions

APPLICATIONS

WIN TORQUE FLUID TDTO (TO-4) is recommended for hydraulic transmission of heavy trucks, buses, and earth moving vehicles.

WIN TORQUE FLUID TDTO (TO-4) may also be used in transmission where fluid meeting the performance level of ZF TE-ML 01, 03, 04, 10, 14 and Eaton Fuller is required.





TYPICAL CHARACTERISTICS

WIN TORQUE FLUID TDTO (TO-4)						
SAE GRADE		10W	30	40	50	60
Viscosity, Kinematic	at 40 deg C, cSt	41.2	80.5	148.2	195.6	294.3
	at 100 deg C, cSt	6.7	9.9	15.1	17.9	23.2
Viscosity Index		118	102	102	100	98
Specific Gravity, 15/15 deg		0.871	0.887	0.889	0.899	0.903
Flash Point, COC, deg C		210	230	250	250	240
Pour Point, deg C		-21	-15	-15	-15	-15

