

Transmission & Drive Train Oil (TDTO)

Traction

SAE 10W / 30 / 50 / 60



Product Description

Goodyear Traction TDTO-4 Transmission / Drive Train Oils are specialized, advanced fluids designed for the needs of heavy duty equipment systems in mobile and stationary equipment where Caterpillar TO-4 or Allison C-4 fluids are specified. These fluids provide excellent operating and maintenance benefits across a broad temperature range for increased efficiency, performance, and component protection.

Benefits

Goodyear Traction TDTO-4 provides the following benefits :

- Full fluoroelastomer compatibility ensures maximum friction disc life and delivers consistent, reliable performance.
- Resists heat induced oil thickening and deposit formation in high pressure, high temperature service applications.
- Premium anti-wear additives minimize metal to metal contact even in high pressure operation.
- The right fluid maximizes equipment reliability and minimizes maintenance costs.

Application

Goodyear Traction TDTO-4 Transmission / Drive Train Oils are recommended for use in Caterpillar and other competitive brands of heavy duty off-road equipment in applications where fluids meeting TO-4 requirements are specified. Typical applications include, but are not limited to, powershift and hydrostatic transmissions torque converters, wet brake mechanisms, differentials, final drives, and hydraulic systems. Other applications include manual transmissions where API GL-3 or Allison C-4 fluids are specified

Properties

Transmission and Drive train fluids are blended with premium paraffinic base stock and high performance additives for long term, trouble free service in high-torque, high-output applications operating under heavy loads and severe stress.

Typical Characteristics

Traction-TDTO	10w	30	50	60	PERFORMANCE LEVEL- MEETS
Specific Gravity @ 15°C	0.8600	0.8700	0.8780	0.8900	Allison - C-4 (off-road)
Flash Point, °C	200	215	230	250	CAT® - TO-2 (obsolete)
Pour Point, °C	-33	-30	-24	-18	CAT® - TO-4
Viscosity at 40°C, cSt	38.2	102	215	248	CAT® - HYDO Advanced 10 (SAE 10W only)
Viscosity at 100°C,cSt	6.1	11.7	19.5	23.2	Komatsu Micro - Clutch
Viscosity Index	104	100	100	95	Komatsu Equipment
Total Base No.	7.3	7.3	7.3	7.3	Vickers - M2950-S, 35VQ25
					Sundstrand - Hydrostatic
					DANA - Powershift (where TO-4 is referenced)
					Tremac/TTC (where TO-4 is referenced)
					EATON Fuller (where TO-4 is referenced)
					ZF - TEMLO3

Typical physical characteristics of Traction TDTO are given in the table. These are intended as a guide to the industry and are not necessarily manufacturing or marketing specifications.



Health & Safety

Detailed health and safety information for this product is provided in a Material Safety Data Sheet which is available upon request from your Goodyear lubricants sales office, or via the Internet on www.goodyearlubricants.me



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