

PANDORA TO-4

TRANSMISSION FLUID



Description

Transmission fluid TO-4 is a high-performance drive line oil, designed for powershift transmissions, final drives and wet brakes for highly demanding off-rad equipment such as earthmoving, mining logging, road transport and agricultural applications. Transmission fluid TO-4 is using top quality base oils and performance additives designed to fulfil the performance requirements of Caterpillar TO-4, ZF Torque converter transmissions, Komatsu powershift transmissions and Allison C-4 Automatic Transmissions.

Benefits

- Improved oxidative and thermal stability, to give extra protection of metal surfaces against scuffing and wear.
- Excellent friction properties to avoid slippage of clutches and ensure smoother operation of transmissions and brakes.
- Good protection against rust and corrosion for precision equipment operating in wet environment.
- Excellent compatibility with all common seal, O-rings, clutch and packing materials to avoid leakages and downtime.

Performance levels

- CATERPILLAR TO-4
- API CF/CF-2
- ZF TE-ML 03C
- Komatsu KES 07.868.1
- Allison C4

Typical Properties

SAE		10W	30	50
Code		LUB005023	LUB005021	LUB005022
Density 15 °C	kg/m3	878	898	908
Viscosity 40 °C	cSt	37.0	88.0	208.0
Viscosity 100 °C	cSt	6.0	10.5	18.0
Viscosity Index		100	95	95
Pour Point	°C	-24	-24	-21
Flash Point C.O.C	°C	180	180	220
Operating temperature	°C	-20/150	-20/150	-15/150