



TO-4 TRANSMISSION FLUID 30

Product Description:

TO-4 TRANSMISSION FLUID 30 is specifically designed for powershift transmissions, final drives and wet brakes on heavy duty off-highway equipment used in earthmoving, mining logging, road transport and agricultural applications.

TO-4 TRANSMISSION FLUID 30 is based on high performance mineral base oil in combination with a specially selected additive technology to ensure the following properties:

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against Bore Polishing.
- Extended drain intervals possible.

TO-4 TRANSMISSION FLUID 30 exceeds the following performance criteria:

Caterpillar TO-4	Caterpillar TO-2	Allison C-4	API GL-4
ZF TE-ML 03C	Komatsu Dresser	Vickers I-286-S	Vickers M2950S
ZF TE-ML 07D,F	Komatsu KES 07.868.1	DANA Powershift transmissions	



Property	Unit	Test Method	Typical Value
SAE Grade		SAE J300	30
Density@15°C	kg/m ³	ASTM D4052	892.7
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	99.9
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	11.4
Viscosity Index		ASTM D2270	100
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-27

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