



Transmax Offroad 50

Powershift Transmission Fluid

Description

Castrol Transmax Offroad 50 is a transmission lubricant using highly refined mineral oil, designed for use in powershift transmissions, direct drive transmissions, wet disc brakes, final drives and differentials in off road machinery where Caterpillar TO-4 is required, and recommended for use in Komatsu off-road machinery drivetrain and hydraulics.

Advantages

- Excellent oxidation stability maintains high temperature performance and transmission cleanliness during service life.
- Stable friction characteristics eliminate slippage and reduce brake noise.
- Excellent friction performance with a wide range of friction materials ensures smooth positive changes and enhanced friction material durability.
- Improved wear performance extends component life.

Typical Characteristics

Name	Method	Units	Transmax Offroad 50
Density @ 15C, Relative	ASTM D4052	g/ml	0.899
Appearance	Visual	-	Clear & bright
Viscosity, Kinematic 40C	ASTM D445	mm ² /s	200
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	18.3
Viscosity Index	ASTM D2270	None	95
Pour Point	ASTM D97	°C	- 15
Viscosity, Brookfield @ -15C	ASTM D2983	mPa.s (cP)	< 150000
Flash Point, COC	ASTM D92	°C	220

Caterpillar TO-4
suitable for use for Komatsu

Transmax Offroad 50
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Product Performance Claims

Meets CAT TO-4
Recommended for use in Komatsu Equipment

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