

Transmax Offroad 30

Powershift Transmission Fluid

Description

Castrol Transmax Offroad 30 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. Selected grades are approved for use in Allison C4 applications and 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 enhances friction material durability.
- Improved wear performance extends component life.

Typical Characteristics

Name	Method	Units	Tranmax Offroad 30
Appearance	Visual	-	Clear & bright
Density @ 15°C / 59°F	ASTM D4052 / ISO 12185	kg/m ³	896
Kinematic Viscosity @ 40°C / 104°F	ASTM D445 / ISO 3104	mm ² /s	96
Kinematic Viscosity @ 100°C / 212°F	ASTM D445 / ISO 3104	mm ² /s	11.0
Brookfield Viscosity @ -25°C	ASTM D2983 / ISO 9262	cP	<150.000
Viscosity Index	ASTM D2270 / ISO 2909	-	95
Flash Point - open cup method	ASTM D92 / ISO 2592	°C/°F	225

Subject to usual manufacturing tolerances.

Product Performance Claims

CAT TO-4

ZF TE-ML 03C, 07F

Recommended for use in Komatsu Equipment

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