Product Data

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 enhanced friction material durability.
- Improved wear performance extends component life.

Typical Characteristics

Name	Method	Units	Transmax Offroad 10W
Density @ 15C, Relative	ASTM D4052	g/ml	0.897
Viscosity, Kinematic 100C	ASTM D445	mm²/s	11.4
Viscosity, Kinematic 40C	ASTM D445	mm²/s	95
Viscosity Index	ASTM D2270	None	104
Viscosity, Brookfield @ -25C	ASTM D2983	mPa.s (cP)	86300
Pour Point	ASTM D97	°C	-27
Flash Point, COC	ASTM D92	°C	250

Product Performance Claims

ZF TE-ML 03C, 07F
Meets CAT TO-4
Recommended for use in Komatsu Equipment

Additional Information

Transmax Offroad 30 is registered under the following ZF approval numbers: ZF000267, ZF000299, ZF004897, ZF005985, ZF006019

Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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Castrol (UK) Limited, PO BOX 354, Chertsey Road, Sunbury On Thames, Middlesex, TW16 9AW

www.castrol.com