

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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Australia Level 8 (QV1 Building), 250 St. Georges Terrace, Perth WA 6000, Australia. Customer Service Number +61 (0)8 9420 1825

Dubai City Tower 2, 6th Floor PO BOX 1699, Sheikh Zayed Road, Dubai, U.A.E. Customer Service Number +971 4 3079304

Norway Drammensveien 167, Box 153 Skoyen, 0212 Oslo, Norway. Customer Service Number +47 22 51 12 43 501

Singapore Keppel Bay Towers, 1 Harbourfront Avenue 02-01, Singapore 098632, Singapore. Customer Service Number +65 6371 8478

United Kingdom BlueSky Business Space, Westpoint House, Pavilion 2 Prospect Park, Prospect Road, Arnhall Business Park, Westhill. AB32 6FJ, UK.
Customer Service Number +44 (0)1224 270365

USA 501 Westlake Park Boulevard, Houston, Texas 77079, USA. Customer Service Number +1 800 339-7157., Brazil Avenida Itaoca, 2.400, Inhauma, Rio de Janeiro, Zip code 21061-020, customer service +55 11 4133 7835

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