



## Transmax Offroad 10

Powershift Transmission Fluid

### Description

Castrol Transmax Offroad 10 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. It is approved against ZF TE ML 03C and recommended for use in Komatsu off road machinery drivetrain and hydraulics.

Castrol Transmax Offroad 10 has replaced Castrol TFC 410.

### Advantages

- Good 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 10 |
|---------------------------|------------|--------------------|---------------------|
| Density @ 15C, Relative   | ASTM D4052 | g/ml               | 0.884               |
| Appearance                | Visual     | -                  | Clear & bright      |
| Viscosity, Kinematic 100C | ASTM D445  | mm <sup>2</sup> /s | 6.5                 |
| Viscosity, Kinematic 40C  | ASTM D445  | mm <sup>2</sup> /s | 30                  |
| Viscosity Index           | ASTM D2270 | None               | 95                  |
| Flash Point, COC          | ASTM D92   | °C                 | >200                |
| Pour Point                | ASTM D97   | °C                 | -30                 |

## Product Performance Claims

CAT TO-4

ZF TE-ML 03C

Recommended for use in Komatsu Equipment'

## 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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