

TITAN UTTO TO-4 SAE 30

High Performance multifunctional transmission lubricant for construction machinery.

Description

TITAN UTTO TO-4 SAE 30 is a High Performance multifunctional oil, which has been specially designed to meet the rigorous requirements of the CATERPILLAR TO-4 specification. This formulation is based on the latest components technology.

Application

TITAN UTTO TO-4 SAE 30 can be used in power-shift transmissions, gearboxes, final drives and hydraulic systems, where the manufacturer dictates the use of CATERPILLAR TO-4 oil in the viscosity grade of SAE 30. Additionally TITAN UTTO TO-4 SAE 30 is recommended when oil in accordance to API GL-4, KOMATSU KES 07.868.1, ZF TE-ML 03C, ZF TE-ML 07F, ALLISON C-4, ALLISON TES-439 and many others more is specified. TITAN UTTO TO-4 SAE 30 is miscible and compatible with CAT TO-2 oils, also as with conventional hydraulic fluids and engine oils, which makes it easy to change over to TITAN UTTO TO-4 SAE 30. TITAN UTTO TO-4 SAE 30 is miscible and compatible with conventionally branded UTTO's, gear- and engine oils. However, mixing with other UTTO's, gear- and engine oils should be avoided in order to fully utilize the product's benefits. Therefore, a complete oil change is recommended when converting to TITAN UTTO TO-4 SAE 30. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages/Benefits

- Excellent foam control protection
- top performance in wet brakes
- excellent control of brake chatter
- Extended friction-lining life of brakes and clutches
- Outstanding wear control for gears and hydraulic
- Improved thermal and oxidation stability
- Wide application range
- Additionally available in a large number of viscosity grades (SAE 10W / 30 / 40 / 50 / 60) for all operation conditions. Please choose the viscosity grade in accordance to manufacturer's recommendations and the operational conditions.

Specifications

- API GL-4
- CAT TO-4

Approvals

- ZF TE-ML 03C, 07F (ZF002185)

FUCHS Recommendations

- ALLISON C-4
- ALLISON TES-439
- KOMATSU KES 07.868.1

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TYPICAL CHARACTERISTICS

Density at 15 °C	DIN 51757	0.875 g/ml
SAE grade	SAE J300	30
Kinematic Viscosity 40°C	DIN 51562-1	84.3 mm ² /s
Kinematic Viscosity 100°C	DIN 51562-1	10.7 mm ² /s
Viscosity index	DIN ISO 2909	112
Pour point	DIN ISO 3016	-38 °C
Product dyeing	DIN 10964	none

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