

Product Information

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TITAN UTTO TO-4 SAE 50

High Performance multifunctional oil for construction machinery.

Description

TITAN UTTO TO-4 SAE 50 is a High Performance multifunctional oil especially designed to meet the rigorous requirements of CATERPILLAR TO-4. TITAN UTTO TO-4 SAE 50 was especially designed to be applied in climate zones with high temperatures. This formulation is based on the latest additive technology.

Application

TITAN UTTO TO-4 SAE 50 can be used in power shift transmissions, gearboxes, final drives, and hydraulic systems, where the manufacturer specifies the use of CATERPILLAR TO-4. TITAN UTTO TO-4 SAE 50 is also recommended when oil in accordance with API GL-4, KOMATSU KES 07.868.1 and other manufacturer specifications is required. TITAN UTTO TO-4 SAE 50 is miscible and compatible with CAT TO-2 oils and with conventional hydraulic fluids and engine oils, which facilitates a changeover to TITAN UTTO TO-4 SAE 50. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages

- Prevents foam formation.
- Reduces braking noise.
- Extended friction-lining life of brakes and clutches.
- Increased wear protection.
- High thermal stability.
- Wide application range.
- Available in a large range of viscosity grades for all operation conditions. Please select the viscosity grade in accordance with the manufacturer's recommendations and the operational conditions.

Specifications

- API GL-4
- CAT TO-4

Approvals

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FUCHS Recommendations

- KOMATSU KES 07.868.1

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TYPICAL CHARACTERISTICS

Density at 15°C	DIN 51757	0.889 g/ml
SAE Grade	SAE J300	50
Kinematic Viscosity at 40°C	DIN 51562-1	210 mm ² /s
Kinematic Viscosity at 100°C	DIN 51562-1	18.6 mm ² /s
Viscosity Index	DIN ISO 2909	99
Pour Point	DIN ISO 3016	-27 °C
Product Dyeing	DIN 10964	none

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Notes

The information contained in this product information is based on the experience and know-how of FUCHS LUBRICANTS (UK) plc in the development and manufacturing of lubricants and represents the current state-of-the-art. The performance of our products can be influenced by a series of factors, especially the specific use, the method of application, the operational environment, component pre-treatment, possible external contamination, etc. For this reason, universally valid statements about the function of our products are not possible.

Our products must not be used in aircraft or spacecraft. Our products may be used in manufacture of components for aircraft or spacecraft if they are removed without residue from the components prior to assembly into the aircraft or spacecraft.

The information given in this product information represents general, non-binding guidelines. No warranty expressed or implied is given concerning the properties of the product or its suitability for any given application. We therefore recommend that you consult a FUCHS LUBRICANTS (UK) plc application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without warning, unless otherwise provided in customer-specific agreements. With the publication of this product information, all previous editions cease to be valid. Any form of reproduction requires express prior written permission from FUCHS LUBRICANTS (UK) plc.

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