



TITAN UTTO ZF

**Super High Performance Gear Oil for ZF axles with limited-slip differentials.
Recommended for construction machinery and material-handling vehicles axles.**

Description

TITAN UTTO ZF is a special UTTO (Universal Tractor Transmission Oil) for ZF axles with limited-slip differentials and axels which operate under very high thermal conditions. TITAN UTTO ZF offers improved wear protection and at the same time it reduces noises and shudder in wet brake systems.

Application

When changing over to TITAN UTTO ZF, proceed according to the specifications of the machine manufacturer. Mixing with the usual differential oils (LS oils) SAE 90/SAE 85W-90 should be avoided, i.e. flushing is recommended here, preferably with TITAN UTTO ZF. TITAN UTTO ZF is miscible and compatible with conventional 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. A complete oil change is recommended when converting to TITAN UTTO ZF. For information on product safety and proper disposal please refer to the latest Material Safety Data Sheet.

Advantages/Benefits

- Ensures the function of wet brakes/locking differential systems even under continuously very high loads.
- Prevents from deposits like adhesions and varnish formation on clutch/brake disc packages.
- Reduces operation noises of the wet brake/locking differential system.
- Protects against wear and corrosion.

Specifications

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Approvals

- ZF TE-ML 05F, 06K, 17E, 21F

FUCHS Recommendations

- KOMATSU-HANOMAG
- VOLVO WB 101
- ZF TE-ML 03E



TYPICAL CHARACTERISTICS

Density at 15 °C	DIN 51757	0.893 g/ml
Flash Point, CoC	DIN ISO 2592	204 °C
Pourpoint	DIN ISO 3016	-24 °C
Kinematic Viscosity at 40°C	DIN 51562-1	109 mm ² /s
Kinematic Viscosity at 100°C	DIN 51562-1	13.1 mm ² /s
Viscosity index	DIN ISO 2909	112



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We therefore recommend that you consult a FUCHS EUROPE SCHMIERSTOFFE GMBH 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.

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