

TITAN TCF 1

**Premium Performance Special Fluid designed for use in many trans-
fercases with wet running clutch.**

Dear Sirs,

We would like to inform you about the introduction of our new special fluid **TITAN TCF 1**.

General Information

A transfercase is a part of the drive train of all-wheel driven and other vehicles with several driven axles. It transmits power from the gearbox to the front and rear axles via drive shafts. It also synchronizes the differential speed between the front and rear wheels.

Transfercases can have the following components, among others:

- differential
- planetary gear set
- coupling
- chain
- seals
- bearings
- gears

Each of these components has its own demands on the applied lubricant, e.g. wear protection, coefficient of friction and friction or shear stability. The combination of these properties, matched to the respective requirements of the transfercase, is leading more and more to special products.

Product Profile and Application

This is exactly why we have developed our **TITAN TCF 1**. Based on selected base oils and additives, it combines outstanding wear protection with high friction stability and is therefore especially optimized for the requirements of transfercases with wet clutches. The optimized shear stability also ensures a long service life in transfercases of other manufacturers.

The outstanding performance of **TITAN TCF 1** is also reflected in the exclusive Mercedes-Benz approval MB 239.41 and thus complements our range of uniquely approved products.

Specifications	Approvals	FUCHS Recommendations
-	MB-APPROVAL 239.41	BMW 83 22 2 409 710 (BMW DTF-1) BMW 83 22 0 397 244 NISSAN 999-MP-TF0870P PORSCHE 000 043 301 36 PORSCHE 000 043 305 63

TITAN TCF 1 can be used in transferences with wet clutches of various manufacturers. These include various BMW X-Drive models and variants of the Mercedes Benz G, GLE & GLS class. The product can also be used for selected vehicles from Porsche and Japanese manufacturers (Hyundai, KIA, NISSAN) in the respective applications.

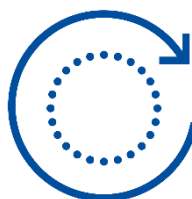
Benefits



Good
wear protection



High
friction stability



High
shear stability



Optimized low
temperature properties

Article numbers

TITAN TCF 1 will be available in 1L bottles (601856310).



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