

ALCAT TDTO 50

ALCAT TDTO 50 is a lubricant, which has specially been formulated to satisfy the requirements of Caterpillar for use in transmissions, final drives and wet brakes (Cat TDTO).

ALCAT TDTO 50 meets the following specifications:

- SAE 50
- ISO VG 220
CAT TO-4
- ALLISON C-4

It exceeds the CAT TO-2 and ALLISON C-3 and can therefore also be used in these applications.

APPLICATIONS :

ALCAT TDTO 50 has been developed for use in Caterpillar friction devices, like power shift transmissions, clutches and brakes and in other driver train components, such as final drives, bevel gears and differentials.

TYPICAL CHARACTERISTICS :

<i>Test</i>	<i>Method</i>	<i>Average result</i>
SAE-class		50
Density at 15°C	D 4052	901 kg / m ³
Viscosity at 40°C	D 445	201 cSt
Viscosity at 100°C	D 445	19,9 cSt
Viscosity index	D 2270	114
Brookfield viscosity at -15°C	D 2983	145.000 cP
Flash point COC	D 92	180 °C
TBN	D 2896	11,6 g KOH/kg
Pour point	D 6892	-24 °C
Copper corrosion	D 130	1a

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.