

# REPSOL TRAC TDTO 10W, 30 & 50



ACTION SERIES AUTOMOTIVE

Lubricants

## Description

Lubricant oil specially formulated to meet the requirements of CATERPILLAR, ALLISON and KOMATSU specifications among others, applicable to power-shift transmissions, clutches and brakes, as well as end controls, crowns and differentials (depending on SAE grade). Besides Caterpillar, Repsol technology is recommended for being used in heavy duty off-highway equipment including Komatsu, Komatsu-Dresser and in transmissions manufactured by Eaton and ZF. Repsol technology has been tested in the field to demonstrate our capabilities even though the OEM is not willing to provide any official approval.

## Properties

- Improved Clutch Life: Up to 45% over TO-2 fluids. Balanced static/dynamic friction provides clutch durability and maximum power transfer giving outstanding equipment productivity and reliability.
- Wear Protection: Outstanding shear stability to keep the same viscosity along its use to prevent wear on gears, bearings, and clutches to give longer transmission life and less down time.
- High Temperature Protection: Provides excellent thermal, oxidation, sludge, corrosion, and deposit protection for the increased transmission temperatures, severe service, and extended oil life.
- Low Temperature Fluidity: Superior cold temperature flow characteristics assures ease of pumping, meantime reducing the wear during the equipment warm up.
- Support seal compatibility: Which prevents leaks to reduce the consumption by topping up and increase the efficiency.

## Quality Levels

- CATERPILLAR TO-4
- API GL-4
- API CF
- ZF TE-ML 03C, 07F
- KOMATSU KES 07.868.1
- ALLISON C-4 (SAE 30)

## Technical specifications

	UNIT	METHOD	VALUE		
SAE Grade			10W	30	50
Density at 15 °C	g/mL	ASTM D 4052	0.87	0.875	0.903
Viscosity at 100 °C	cSt	ASTM D 445	6.5	11.2	17,9
Viscosity at 40 °C	cSt	ASTM D 445	37	94	208
Viscosity index	-	ASTM D 2270	110	105	100
Flash point, open cup	°C	ASTM D 92	200 min	215 min.	225 min.
Pour point	°C	ASTM D 97	-15	-15	-15
T.B.N.	mg KOH/g	ASTM D 2896	10	10	10

A safety information file is available on request.

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