



## ADECO® TRANSHIDRA TO-4

### Product Description:

ADECO TRANSHIDRA TO-4 are transmission oils produced from high quality paraffin base oils in combination with additive packages, that meet specifications for transmission fluids of manufacturer Caterpillar. This product is characterized by exceptional antiwear and antifriction properties, oxidation stability, corrosion protection, compatibility with sealing materials, as well as safe protection of the hydraulic system. It is produced in three SAE viscosity grades: 10W, 30 i 50.

### Purpose:

ADECO TRANSHIDRA TO-4 oils are intended for the lubrication of transmissions, driving axles of heavy duty construction machines manufactured by Caterpillar, Komatsu, Dana Eaton, i.e. where the fluid meeting TO-4 specifications is recommended.

### The Main Advantages:

- Very good antiwear properties;
- Excellent thermal and oxidation stability;
- Good shear stability;
- Extended life of friction disc and brake;
- Impeccable operation of wet brakes.

### Physical and Chemical Properties:

<b>Characteristic, Unit</b>	<b>Referential Values</b>			<b>Method</b>
	<b>10W</b>	<b>30</b>	<b>50</b>	
<b>SAE Viscosity Grade</b>	<b>10W</b>	<b>30</b>	<b>50</b>	
Density at 15 °C, g/cm <sup>3</sup>	0,87	0,88	0,90	ASTM D 1298
Kinematic Viscosity at 100 °C, mm <sup>2</sup> /s	6 – 7	10 – 11	17 – 19	ASTM D 445
Viscosity Index	100	95	90	ASTM D 2270
Flash Point, COC, °C	min 200	min 210	min 220	ASTM D 92
Pour Point, °C	-35	-25	-15	ASTM D 97

### Meet Specifications:

API CF/CF-2; Caterpillar TO-4; Allison C-4 (SAE10W, SAE30); ZF TE-ML 03C (SAE 10W, SAE 30); ZF TE-ML 07F (SAE30); Komatsu KES 07.868.1; Komatsu Dresser (SAE 10W, SAE 30); DANA Powershift (SAE 10W, SAE 30).

### Packaging: 10 L, 205 L