

**Teboil Fluid TO-4 10W, 30 and 50**

**Teboil Fluid TO-4** is special transmission/axle oil for earth moving equipments and machines.

**Applications**

Teboil Fluid TO-4 is special transmission/axle oil designed for heavy construction machines requiring CAT TO-4 quality level oil. It also fulfills Allison C4 and Komatsu MicroClutch demands. It is also suitable for machines requiring CAT TO-2.

**Performance features and benefits**

Fluid TO-4 ensures transmission optimal function under heavy use. Oil contains effective additives against wear, oxidation and foaming. High quality friction modifiers guarantee wet brakes smooth operation.

**Typical physical characteristics**

Teboil Fluid TO-4	10W	30	50	Unit	Method
Density @ 20 °C	886	896	904	kg/m <sup>3</sup>	ASTM D 4052
Viscosity @ 40 °C	42	85	185	mm <sup>2</sup> /s	ASTM D 445
Viscosity @ 100 °C	6,5	11,0	18,0	mm <sup>2</sup> /s	ASTM D 445
Viscosity @ -15 °C	-	-	38 000	mPa.s	ASTM D 2983-87
Viscosity @ -25 °C	-	59 000	-	mPa.s	ASTM D 2983-87
Viscosity @ -35 °C	58 000	-	-	mPa.s	ASTM D 2983-87
Viscosity index	105	116	107		ASTM D 2270
Flash point	220	240	240	°C	ASTM D 92
Pour point	-39	-36	-18	°C	ASTM D 97

**Specifications and approvals**

CAT TO-4; Allison C4; Komatsu; ZF TE-ML 03C (10W and 30), 07F (10W and 30)

Technical data is based on approximate measures. Due to continual product research and development, the information contained herein is subject to change without notification. 28.4.2011

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