

TRANSMISSION TO-4 10W, 30 & 50



TRANSMISSIONS AND GEARBOXES

Lubricants

Description

Lubricant oil specially formulated to meet the requirements of CATERPILLAR, ALLISON and KOMATSU specifications, applicable to power-shift transmissions, clutches and brakes, as well as end controls, crowns and differentials (depending on SAE grade). May also be used in some special hydraulic applications, as is the case with the SAE 10W grade.

Properties

- Prevents transmission slippage.
- Great capacity for supporting loads and anti-wear properties.
- Increased useful life of the clutch discs and smooth operating of the brakes.
- Enables greater dragging and start-up force in machines.
- Compatibility with gaskets.
- Excellent anti-corrosive properties.
- Cannot be used as motor oil.

Quality levels

- CATERPILLAR TO-4
- ALLISON C-4 (SAE 10W and 30)
- KOMATSU KES 07.868.1

Technical specifications

	UNIT	METHOD	VALUE		
SAE Grade			10W	30	50
Density at 15 °C	g/mL	ASTM D 4052	0.880	0.894	0.910
Viscosity at 100 °C	cSt	ASTM D 445	5.5	11.4	17.4
Viscosity at 40 °C	cSt	ASTM D 445	32	105	200
Viscosity at -25 °C	cP	ASTM D 5293	7000 max.	-	-
Viscosity index	-	ASTM D 2270	105 min.	96 min	95 min
Flash point, open cup	°C	ASTM D 92	190 min.	230 min.	240 min.
Pour point	°C	ASTM D 97	-27	-21	-18 max
T.B.N	mgKOH/g	ASTM D 2896	11	11	11

A safety information file is available on request.

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Technical data sheet for Lubricants. Revision 5. August 2014.