



TECHNICAL SPECIFICATIONS



EKO TORQUE FLUID 10W, 30, 50

Heavy duty transmission and drivetrain lubricants

DESCRIPTION

EKO TORQUE FLUID is a series of heavy duty transmission and drive-train lubricants which are available in SAE 10W, SAE 30 and SAE 50 grades. These lubricants are specially engineered for gearboxes, heavy duty transmissions, final drives and hydraulic systems in off-highway applications, where CATERPILLAR TO-4 specification is required.

SPECIFICATIONS

Caterpillar TO-4, Allison C-4, Komatsu KES 07.868.1

APPLICATIONS

- Suitable for all applications requiring a transmission fluid which meets the Caterpillar TO-4 specification.
- Manual, powershift and automatic transmissions where ALLISON C4 fluids are recommended (EKO TORQUE FLUID 10W, EKO TORQUE FLUID 30).

BENEFITS

- EKO TORQUE FLUID series oils optimize friction retention and offer extended clutch life and slippage control, under severe heavy load operations.
- Provide better frictional and anti-wear performance and improved clutch life compared to conventional API CD/CAT TO-2 lubricants.
- Compatibility with modern clutch elastomers, which improves clutch life.
- Increased load carrying capability, which reduces gear wear and extends life of gearboxes, transmissions and final drives, leading to less downtime and reduced operating costs.
- Excellent low temperature fluidity, which provides easy start-up at low ambient temperatures and less start-up wear.
- Excellent foam control, which eliminates brake chatter.
- Excellent protection against rust and corrosion, which increases equipment life.
- Offer very high protection in high-pressure hydraulic systems.

The information provided from this data sheet is accurate as of the date printing. For more information/ clarifications, please contact EKO ABEE Technical Support,

Tel. + 30 210 5509 511, +30 210 7725 418.

For recommendations on safe handling and use of this product, please refer to Safety Data Sheet.



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TYPICAL PROPERTIES

Properties	Methods	Units	EKO TORQUE FLUID		
			10W	30	50
Classification	-	-	10W	30	50
Viscosity @100°C	ASTM D 445	cSt	5,5	11,5	17,7
Viscosity CCS@20°C	ASTM D 5293	mPa.sec	3330	-	-
Viscosity Index (VI)	ASTM D 2270	-	115	98	96
Density @ 15°C	ASTM D 4052	kg/lit	0,881	0,896	0,908
Viscosity Brookfield@-35°C, max	ASTM D 2983	cP	150.000	-	-
Viscosity Brookfield@-25°C, max	ASTM D 2983	cP	-	150.000	-
Viscosity Brookfield@-15°C, max	ASTM D 2983	cP	-	-	150.000
Pour Point	ASTM D 97	°C	-36	-30	-24
Flash Point	ASTM D 92	°C	210	248	260

HYGIENE AND SAFETY

Used lubricants must be collected in an authorized collection area. They must not be mixed with solvents, water, brake fluids and antifreeze. Do not dispose into drains, soil or water.

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