



DYNATRANS ACX

10W – 30 – 50



Lubricant for **hydraulic systems** and **transmission components** (axles or gearboxes) equipped with specific oil-immersed **brake friction discs** and **clutch systems**.

SPECIFICATIONS AND APPROVALS

	DYNATRANS ACX 10W	DYNATRANS ACX 30	DYNATRANS ACX 50
Manufacturer Approvals	ZF TE ML 03C	ZF TE ML 03C ZF TE ML 07F	
Meets the requirements of	CATERPILLAR TO-4 ALLISON C4 (Obsolete) KOMATSU Micro-clutch test (JCMAS)	CATERPILLAR TO-4 ALLISON C4 (Obsolete) KOMATSU Micro-clutch test (JCMAS)	CATERPILLAR TO-4 KOMATSU Micro-clutch test (JCMAS)
Suitable in Transmissions	DANA, EATON-FULLER, ROCKWELL, JCB, etc...	DANA, EATON-FULLER, ROCKWELL, JCB, etc...	DANA, EATON-FULLER, ROCKWELL, JCB, etc...

APPLICATIONS

TOTAL DYNATRANS ACX 10W, 30 & 50 are adapted to **hydraulic systems, powershift gearboxes, axles, wet brakes** and **final drives** when the manufacturer recommends a fluid meeting CAT TO-4 or one of the above-mentioned specifications.

TOTAL DYNATRANS ACX is recommended for mining, earthmoving and construction machinery applications.

- SAE 10W grade is mainly used in hydraulic systems
- SAE 30 grade is mainly used in powershift gearboxes
- SAE 50 grade is mainly used in axles and final drives

TOTAL DYNATRANS ACX 10W and 30 could be used in replacement of **CATERPILLAR HYDO Advanced 10, 20 and 30**, with a drain interval extension up to 3000 working hours or more, with regular oil analysis.

PERFORMANCES AND CUSTOMER BENEFITS

- Excellent anti-wear and anticorrosion properties, increasing the durability of the lubricated components
- Good performance with respect to seals, without aggressiveness to the hydraulic hoses.
- The 10W grade has a very fast air-release time and good filterability, avoiding any cavitation risks in hydraulic pumps
- Friction properties adapted to the types of CATERPILLAR, KOMATSU and other construction machinery friction materials
- Very shear stable viscosities preserving the hydraulic pump volumetric efficiency
- Very fluid at low temperatures, they are immediately active when starting in cold climate
- Formulated with selected base oils associated to a recently developed chemistry, they provide to the end user, a better oxidation resistance at high temperature together with a drain interval extension
- Emulsifying, they fully keep condensation water in emulsion and avoid pump failures during winter or rapid degradation in summer

PHYSICAL AND CHEMICAL CHARACTERISTICS*

TOTAL DYNATRANS ACX		Method	10W	30	50
Kinematic Viscosity at 40°C	mm ² /s	ASTM D445	41	93	195
Kinematic Viscosity at 100°C	mm ² /s	ASTM D445	6.6	11.2	18.4
Viscosity Index	-	ASTM D2270	118	107	104
Pour Point	°C	ASTM D97	-33	-27	-18
Zinc content (min)	ppm	ICP	> 900	> 900	> 900

* The features mentioned above are average values obtained with some variability in production and do not constitute a specification.

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Update 02/2021

www.lubricants.total.com



This lubricant does not cause adverse health effects when used in the intended application.
A safety datasheet is accessible on request from your local dealer or on the website www.quickfds.com