

AGRIWORX TRANSMISSION TO4 RANGE

APPLICATIONS

Agri Worx Transmission TO4 -30 Range is adapted to hydraulic system, powershift gearbox, axle and final drives for which the manufacturer recommends a fluid meeting one of the hereunder mentioned specifications. Agri Worx Transmission TO4 Range is recommended for Caterpillar equipment, and between -10°C and +40°C:

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

SPECIFICATIONS

ALLISON C4 - n° 33132010 (SAE 10W)
ALLISON C4 - N° 33122010 (SAE 30)

CATERPILLAR TO-4
KOMATSU Clutch test

ZF TE ML 03 C (SAE 10W and 30)
ZF TE ML 07 F (SAE 30)

Suitable for transmission systems
DANA,
EATON-FULLER,
KOMATSU KES 07.868.1

ADVANTAGES

- Excellent anti-wear and anti-corrosion properties
- Good performance with respect to seals, without aggressiveness to the pipes
- The 10W grade has a very fast air-release time and a good filterability, avoiding any cavitation risks in hydraulic pumps
Friction properties adapted to the types of Caterpillar Komatsu and other machinery friction materials
- Very shear stable viscosities preserving the hydraulic pumps volumetric efficiency
- Very fluid at low temperatures, they are immediately active when starting by 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 draining interval extension

TYPICAL CHARACTERISTICS

AGRIWORX T0 4		Method	10w	30w	50w
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	-30	-30	-21
Zinc content (min)	ppm	ICP	900	900	900
Oxidation stability	h	ASTM D943	>5000	>5000	

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

The product should not be stored at a temperature above 60 °C. Exposure to strong sunlight, extreme cold or high temperature variations must be avoided.

All packages should be protected from bad weather conditions. The drums should be stored horizontally to avoid a possible contamination by water and the damage of the product label

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