



# GRANIT ERGON



## DESCRIPTION

ERGON series consists of transmission fluids developed for use in power shift transmissions, differentials, final drives, hydraulic systems, direct drive transmissions, wet-disc brakes, Caterpillar equipment (where Caterpillar TO-4 performance level is required). ERGON lubricants provide excellent oxidation stability, elastomer compatibility and wear control.

## APPLICATIONS

ERGON lubricants are suitable for power shift transmissions, final drives, clutches and hydraulics systems in new and old construction equipment such as CASE, Komatsu and other off-highway equipment. They can also be used in manual and automatic transmissions requiring an Allison C-4 performance level oil. They are recommended in place of CAT TO-2 oils because they impart better performance. ERGON oils meet the requirements of API CF and therefore an accidental use in the engine would not cause any problem.

## CHARACTERISTICS-BENEFITS

CHARACTERISTICS	BENEFITS
Optimized clutch friction retention.	Eliminated transmission slippage and reduced brake noise.
Improved friction and antiwear performance compared to TO-2 fluids.	Longer unit life; reduced operating costs.
Low pour point.	Smooth operation in cold weather.
Superior wear protection to gear in final drives, gearboxes drive trains.	Lower maintenance costs.

## PHYSICAL-CHEMICAL CHARACTERISTICS

ERGON	METHOD	SAE 10W	SAE 30	SAE 50
Density at 15°C, g/cm <sup>3</sup>	ASTM D1298	0,875	0,885	0,898
Viscosity, Kinematic, (cSt) 40°C	ASTM D445	40,5	102	202
Viscosity, Kinematic, (cSt) 100°C	ASTM D445	6,3	11,5	18
Viscosity index	ASTM D2270	103	99	97
Flash point, COC, °C	ASTM D92	212	248	254
Pour point, °C	ASTM D97	-30	-24	-21
TBN, mgKOH/g	ASTM D2896	7.2	7.2	7.2
Foam characteristics, ml	ASTM D892	0-0-0	0-0-0	0-0-0

The abovementioned characteristics represent mean values.

## SPECIFICATIONS

API CF, CF-2; Caterpillar TO-4; Komatsu KES 07.868.1; Allison C-4; ZF TE-ML 03C