



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 ³	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