



Signal Tranz TO-4 Fluid

Product Application:

Signal Tranz TO-4 Fluid is an extended life, high performance multifunctional fluid designed for use in transmissions, final drives and hydraulic systems of off-highway equipment where a fluid meeting Caterpillar TO-4 performance requirement is specified. These oils utilize a state-of-the-art additive technology system intended for use in vehicle friction devices such as, power shift transmissions, clutches, brakes, and in other vehicle drive train components requiring a TO-4 fluid. It may also be used in hydraulic systems while providing improved deposit control, corrosion protection and load-carrying capacity for better equipment protection thus allowing more reliable operation.

Signal Tranz TO-4 Fluid is formulated utilizing high refined shear stable base stocks blended with technologically advanced thermally and shear stable nitrogen additive components to ensure capability with the fluoroelastomer binder used in power shift transmission discs. It's carefully optimized frictional properties prevent clutch slippage for smoother, more consistent transmission operation and also provide improved wet brake performance.

Package Size:

Bulk, Drums, Pails

Features and Advantages:

- *Long equipment life
- *Excellent oxidation resistance and thermal stability for long fluid life
- *Well-balanced frictional properties for efficient clutch operation and improved wet brake performance
- *Excellent deposit control and wear protection
- *Smooth operation
- *Minimal downtime
- *Reliable operation
- *Extended life...minimizing weather and storage concerns

Typical Characteristics:

	10	30	50	60
Viscosity				
cSt @ 40°C	40	92	191	305
cSt @ 100°C	6.4	10.8	17.7	25.0
SUS @ 100°F	206	478	1004	1615
SUS @ 210°F	48	63	91	124
Viscosity Index	109	101	100	105
Flash Point, °C (°F)	225(437)	255(491)	255(491)	255(491)
Pour Point, °C (°F)	-30(-22)	-24(-11)	-15(+5)	-12(+10)

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