



Transmission Fluids

# hyrax<sup>®</sup> Tribol T0-4



## Description

**Hyrax Tribol T0-4** is a premium quality high performance transmission drive train fluids specially designed for application in powershift transmissions, drive trains and hydraulic system of off-highway equipment where the use of an oil meeting Caterpillar T0-4 is recommended. Selection of correct viscosity grade should be chosen in accordance with the manufacturers' recommendation.

**Hyrax Tribol T0-4** is designed with highly refined base oils and advanced additive system to provide exceptional oxidation resistance, excellent compatibility with transmission components, excellent protection against rust and corrosion, and premium frictional characteristics to maximize equipment performance. In addition, its outstanding load carrying capability and excellent anti-wear performance will ensure excellent protection in powershift transmissions, gearbox and final drives.

## Applications

**Hyrax Tribol T0-4** is highly recommended for Komatsu and Caterpillar transmissions with Variable Capacity Torque Convertors (VCTC) which are more sensitive to fluid quality. Also suitable for use in Eaton-Fuller, Dana, Euclid, Vickers M-2950-S and Treme / TTC where Cat T0-4 fluid is recommended.

## Benefits

- Prolong transmission and equipment life – designed for transmission, wet disc brake and final drive
- Excellent friction performance - maximized equipment output during incline heavy load movement
- Exceptional hydraulic fluid stability and high pressure pump wear protection

## Typical Characteristics

Properties	Method	SAE 10W	SAE 30	SAE 40	SAE 50
Density at 15°C, Kg/L	ASTM D4052	0.862	0.876	0.884	0.892
Flash Point, °C	ASTM D92	>210	>210	>210	>210
Pour Point, °C	ASTM D97	-35	-30	-25	-25
Viscosity at 40°C, cSt	ASTM D445	40.1	93.2	137.5	201.2
Viscosity at 100°C, cSt	ASTM D445	6.8	11.4	14.6	18.6
Viscosity Index	ASTM D2270	126	110	106	102
FZG Fail Load Stage	DIN ISO 14635-1	10	11	11	12

## Performance

- Caterpillar T0-4 / T0-4M
- Allison C-4
- Komatsu KES 07.868.1
- Sperry Vickers / Eaton I-280-S
- API GL-4
- Sperry Vickers / Eaton M-2950-S



A high level of protection under a wide range of service conditions



Smooth, jerk-free shift performance



Enhanced protection against wear to prolong transmission life



Improved cleanliness of transmission system