



## TRIBUNOL UTTO TO-4

Tribunol UTTO TO-4 is a power transmission multifunctional oil, especially for the use in construction and working machines, for example wheel loaders, crawler loaders, lift trucks, tractors, tipping loaders and shunting aids.

It has excellent friction values and wear protection properties. Tribunol UTTO TO-4 can be used as hydraulic oil or gear oil, but is used in wet brakes and also used in clutches. It was designed, to contribute positively to the consumption economy of vehicles, to protect gear components, as well as the rationalizing application in to unite.

### BENEFITS

- excellent oxidative and thermal stability
- low coking tendency
- minimum foaming tendency
- good air separation
- wear- and corrosion-protecting
- very low evaporation tendency
- compression end temperatures up to 220 °C
- suitable as lubricants for vacuum pumps

### Recommended and tested in units for which the following specifications and filling instructions are required

SAE 10W, 30, 50  
API GL4

Allison C-4  
Caterpillar TO-4, Caterpillar TO-2  
Komatsu KES 07.868.1  
Eaton Fuller ( TO-4 )  
Tremac TTC ( TO-4 )  
Dana TO-4  
Sperry Vickers / Eaton I-280 S  
Vickers M-2950-S

### TECHNICAL DATA

Properties	Method	Unit	SAE 10W	SAE 30W	SAE 50W
Density 15 °C	DIN 51757	g/ ml	0,86	0,86	0,86
Viscosity 40°C	DIN 51562	mm <sup>2</sup> /s	48	95	198
Viscosity 100°C	DIN 51562	mm <sup>2</sup> /s	7,5	11,5	19
Viscosity Index	DIN 2909	-	130	130	130
Flash Point	DIN ISO 2592	°C	>210	>220	>240
Pourpoint	DIN ISO 3016	°C	-34	-28	-12

Use in accordance with engine manufacturer's instructions  
All characteristic data are average values and are subject to production-related fluctuations  
Status: January 2020