



# ASTRIS CAT TO-4

## SAE 50

### Special high-performance transmission fluid

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Special power transmission fluid according to Caterpillar TO-4 specification for gear units and final drives, wet brakes and hydraulic systems of Caterpillar units.

Special friction properties, favorable viscosity-temperature maintenance, optimal aging resistance, good foaming maintenance and excellent wear protection properties.

NOT TO BE USED AS ENGINE OIL

### Properties and features

- Very high viscosity resistance
- Special friction properties prevent stick slips and vibrations of the wet brakes.
- Favorable cold flow
- Optimal rust, wear and corrosion protection
- High anti-foam properties

### Use

High quality gear oil with "limited slip" properties, especially conceived for the use in axle gears with self-locking differential of modern vehicles.

**Observe manufacturer's specifications and instructions before use.**

### Specifications / Performance level

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API GL-4  
 CATERPILLAR TO-4 (TDTO)  
 ALLISON C-4  
 KOMATSU KES 07.868.1

Technical data	Unit	Method
Density at 15°C	0,901 g/cm <sup>3</sup>	ASTM D 1298
Viscosity at 40 °C	203 mm <sup>2</sup> /s	ASTM D 445
Viscosity at 100 °C	18,5 mm <sup>2</sup> /s	ASTM D 445
Viscosity index	100	ASTM D 2270
Flash point C.O.C.	240 °C	ASTM D 92
Pour point	-21 °C	ASTM D 97

### Health, safety and environment

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ADR / SDR : Not dangerous

EU Waste List Code : 13 02 08