

# CALICON 4TO (SAE 30)

## High-Performance-Transmission-Special Fluid

### Description:

**CALICON 4TO (SAE 30)** is a special oil for hydraulic and transmission systems.

**CALICON 4TO (SAE 30)** manufactured from high-quality refined mineral oils alloyed with special combinations of additives. The greater serviceability – particularly compared to Caterpillar TO-2 as well as to normal ATF and universal tractor oils – is characterized in particular by the improvement in the following characteristics:  
- wear properties/friction properties/aging stability -

**CALICON 4TO (SAE 30)** should be used primarily in the latest generation of Caterpillar construction machinery.

### Characteristics

- Excellent viscosity-temperature behaviour
- Excellent wear and friction properties
- High ageing stability
- Good corrosion protection towards steel and non-ferrous metals
- Good demulsifying properties
- Excellent elastomeric compatibility

### Usable for

SAE	30
API	CF
API	GL-4
We recommend this product for:	
ALLISON	C-4 / TES-439
CATERPILLAR	TO-4
KOMATSU	
ZF	03C, 07F

### Effects

- Optimal operating properties
- Good flow flexibility at low temperatures
- High operational safety

### Utilization

- Primarily in Caterpillar construction machinery (latest generation)
- in drive trains, powershift transmissions, wet brakes and hydraulic systems of
- construction machinery and other heavy equipment, e.g.: wheeled loaders, tractor shovels, bulldozers, container lifting vehicles, shunting vehicles, airport tractors
- Important: This special transmission fluid, which meets TO-4 requirements, cannot be used as motor oil

### Disposal:

- **CALICON 4TO (SAE 30)** is assigned to category 2 of used oils and thus is free for disposal.

### Miscibility:

- **CALICON 4TO (SAE 30)** Transmission-Special-Fluid is only miscible with comparable lubrications and well tolerated. However, it is recommended to take only **CALICON 4TO (SAE 30)** when refilling.

### CALICON 4TO (SAE 30)

Article No.	Packaging unit	
STL 1020 925	Can	20 L
STL 1020 926	Drum	60 L
STL 1020 928	Drum	200 L
STL 1420 929	PE-Container	1000 L

### Typical characteristics:

Specific weight at 15°C	kg/m³	885
Viscosity at 40°C	mm²/s	103
Viscosity at 100°C	mm²/s	11,9
Viscosity index		-
Flash point COC	°C	236
Pourpoint	°C	-33
Sulphate ashes	%	-
TBN	mgKOH/g	-