



# 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/m <sup>3</sup>	885
Viscosity at 40°C	mm <sup>2</sup> /s	103
Viscosity at 100°C	mm <sup>2</sup> /s	11,9
Viscosity index		-
Flash point COC	°C	236
Pourpoint	°C	-33
Sulphate ashes	%	-
TBN	mgKOH/g	-

Data are subject to change.

Attention: Service instructions should be observed!

STL/GE/-  
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