

# CALICON CH78\*4

HC-Synthetic Oil for High-Performance-Shifting-Gears 75W80

## Description:

CALICON CH78\*4 is a HC-synthetic multigrade gear oil for manual synchromesh gear boxes, axles and transfer boxes, which was developed specifically for trucks and buses equipped with manual ZF gearboxes.

CALICON CH78\*4 provides excellent low friction characteristics due to the modern synthetic basis and multiple range viscosity, setting benchmarks regarding lifetime of the machine.

CALICON CH78\*4 enables significant longer intervals for oil change intervals in comparison to existing schedules (observe constructors prescriptions).

## Characteristics

- Extrem wear protection
- First-rate oxidation stability
- High shear stability
- Ageing and viscosity stability
- Prevents foaming
- Neutral towards metals and sealing materials
- High pressure susceptibility
- Excellent corrosion protection

## Usable for

SAE	75W-80
API	GL-4
MIL	L-2105
We recommend this product for:	
DAF	with ZF gearbox
EATON EUROPA	Extended oil change interval (300,000 km or 3 years)
IVECO	18-1807 (with ZF gearbox)
MAN	341 Typ Z-4
RENAULT	B0032/2 Annex 3
VOLVO	97305, 97307, 97318
ZF	TE-ML 01L,02L,08,13,16K,18K,24A

## Disposal:

- CALICON CH78\*4 is assigned to category 2 of used oils and thus is free for disposal.

## Miscibility:

- CALICON CH78\*4 is fully compatible with comparable lubricants and can be mixed without any problems. In order to get the full benefit of CALICON CH78\*4 it is highly recommended to avoid a mixture of CALICON CH78\*4 with conventional shifting gear lubricants.

## CALICON CH78\*4

Article No.	Packaging unit	
STL 1030 525	Can	20 L
STL 1030 526	Drum	60 L
STL 1030 528	Drum	200 L
STL 1430 529	PE-Container	1000 L

## Effects

- Optimal operating properties
- Very high energy saving potential
- Life time suited (long oil change intervals)
- Excellent cold flow characteristics
- Flowability up to -39 °C
- Reduce and eliminates jams
- Reduction of system temperatures
- All-year operation

## Utilization

- Shift gear for heavy goods vehicles
- Recommended for use with low temperatures
- Recommended for use with retarder and interarder systems

## Typical characteristics:

Specific weight at 15°C	kg/m <sup>3</sup>	855
Viscosity at 40°C	mm <sup>2</sup> /s	-
Viscosity at 100°C	mm <sup>2</sup> /s	9,4
Viscosity index		156
Flash point COC	°C	-
Pourpoint	°C	-42

Data are subject to change.

Attention: Service instructions should be observed!

STL/GE/-  
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