



# CARGO TRUCK LSP

Low SAPS HC-Synthetic-Motor Oil 5W30

## Description:

**CARGO TRUCK LSP** is a fuel-efficient HC-synthetic high performance diesel engine oil of the latest generation. It was specially developed for diesel engines under severe service conditions in all seasons. This engine oil is excellent for use in Euro 4, Euro 5 and Euro 6 engines suitable in combination with low-sulfur diesel fuel.

This lubricant is designed for use in engines with or without particulate filter and catalytic converter.

The reduced level of sulphated ash, phosphorus and sulfur is ensured by the selection of specially developed base oils and additives.

It reaches a maximum USHPD oil drain intervals (up to 150.000 km - depending on the manufacturer's instructions) and is responsible for all trucks, construction equipment, buses, agricultural vehicles etc. used.

## Properties

- Low Saps (Low Ash) technology
- Highest wear protection
- Very strong dispersing
- Prevents cold mud and residue formation
- Low tendency to particle
- Optimum protection against corrosion and foaming
- And high natural viscosity index

## Effects

- Especially for the latest EURO 4 /EURO 5 and EURO 6 engine generation
- Improved economy viability by extended inspections-intervals
- Extends the life of the particle filter
- Fuel efficiency by lightrun properties
- Best possible protection against wear at piston rings, cylinder walls and bearings
- All-year operation
- Guarantee for absolutely clean motors and particle separators.

## Suitable for/ we recommend this product for

SAE	5W-30
API	CK-4/SN
ACEA	E4/E6/E7/E9
We recommend this product for:	
CAT	ECF-3
DAF	Extended Drain
CUMMINS	CES 20081/86
DETROIT DIESEL	DDC 93K218, 93K222
DEUTZ	DQC IV-10 LA
FORD	WSS-M2C213-A
JASO	DH2, DH1, DL0
MACK	EOS-4.5
MAN	M 3677, M 3777
MB	228.51
MB	228.31
MB	235.28
MTU	Type 3.1, Type 2.1
RENAULT IV	RLD-4
SCANIA	LDF-4
VOITH	Retarder Class B
VOLVO	VDS-4.5

## Utilization

- Commercial vehicle diesel engines
- with multivalve-technology
- with turbo charging
- with particulate filter
- with catalyst technology

## Disposal:

- **CARGO TRUCK LSP** is assigned to category 2 of used oils and thus is free for disposal.

## Miscibility:

- **CARGO TRUCK LSP** is miscible with comparable lubrications. It is recommended to take only **CARGO TRUCK LSP** when refilling

Data are subject to change.

Attention: Service instructions should be observed!

KL/MO/NKW/-  
01/2023

**CARGO TRUCK LSP**

<b>Article No.</b>	<b>Packaging unit</b>	
309 785	Can	20 L
309 786	Drum	60 L
309 788	Drum	200 L
349 789	PE-Container	1000 L

## Typical characteristics:

Specific weight at 15°C	kg/m <sup>3</sup>	858
Dynamic viscosity at -25°C	mPa.s	6540
Viscosity at 40°C	mm <sup>2</sup> /s	70,7
Viscosity at 100°C	mm <sup>2</sup> /s	11,8
Viscosity index		163
Flash point COC	°C	226
Pourpoint	°C	-41
Sulphur content	mass. %	0,25
Sulphate ashes	mass. %	0,9
Phosphorus content	mass. %	0,08
TBN	mgKOH/g	13,6

