

# UTAH X10 LSP

**Low SAPS-Semi-Synthetic-Heavy Duty Diesel-Motor Oil 10W40**

## Description:

**UTAH X10 LSP** is a semi synthetic ultra performance engine oil for diesel engines of the newest generation. It was specially developed for diesel engines with EURO 5 and EURO 6 standard with after treatment of exhaust gas (particulate filter). In order to maintain the functionality after treatment systems and to avoid disturbance, the use of a motor oil with Low SAPS (Low Ash) technology is obligatory.

This oil can also be used for engines with particulate filters in combination with low-sulfur diesel (up to 50 ppm).

This engine oil can also be used for diesel engines with Euro 4.

The reduced values of sulphate, phosphor and sulphur are guaranteed by selection of especially developed basic oils and additives.

**UTAH X10 LSP** has been developed for use in highly charged diesel motors of heavy goods vehicles. Being a UHPD oil, it allows largest intervals of oil change (up to 100.000 km - depending on constructors prescriptions) and can be used in all trucks, construction machines, busses, agricultural vehicles, etc.

## Properties

- Low Saps (Low Ash) technology
- Highest wear protection
- Exceptional ageing and oxidation stability
- Reduces formation of ageing products at high temperatures
- Low volatilization tendency
- Excellent viscosity-temperature behaviour
- Excellent lubrication in range of highest temperatures

## Effects

- Especially for the latest EURO 5 and EURO 6 engine generation
- Improved economy viability by extended inspections-intervals (up to 100.000 km)
- Fuel efficiency by lightrun properties
- Minimum wear at highly strained engines
- All-year operation
- Protection against reflector surface formation
- Guarantee for absolutely clean motors and particle separators.

## Suitable for/ we recommend this product for

SAE	10W-40
API	CK-4
ACEA	E6/E7/E9
We recommend this product for:	
CATERPILLAR	ECF-3
CUMMINS	CES 20086
DAF	-
DETROIT DIESEL	DDC 93K222
DEUTZ	DQC IV-18 LA
JASO	DH2
MACK	EOS-4.5
MAN	M 3477, M 3271-1
MB	226.9, 228.5
MTU	Type 3.1
RENAULT TRUCK	RXD, RGD
RENAULT VI	RLD-3
SCANIA	Low Ash
VOLVO	VDS-4.5, CNG

## Utilization

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

## Disposal:

- **UTAH X10 LSP** is assigned to category 2 of used oils and thus is free for disposal.

## Miscibility:

- **UTAH X10 LSP** is miscible with comparable lubrications. It is recommended to take only **UTAH X10 LSP** when refilling

Data are subject to change.

Attention: Service instructions should be observed!

DV/MO/NKW/-  
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**UTAH X10 LSP**

<b>Article No.</b>	<b>Packaging unit</b>	
1209 874	Can	5 L
1209 875	Can	20 L
1209 876	Drum	60 L
1209 878	Drum	200 L
1249 879	PE-Container	1000 L

## Typical characteristics:

Specific weight at 15°C	kg/m <sup>3</sup>	857
Dynamic viscosity at -25°C	mPa.s	4780
Viscosity at 40°C	mm <sup>2</sup> /s	97,3
Viscosity at 100°C	mm <sup>2</sup> /s	15,3
Viscosity index		166
Flash point COC	°C	230
Pourpoint	°C	-36
Sulphate ashes	%	0,95
Sulphur content	mass. %	0,21
Phosphorus content	mass. %	0,07
TBN	mgKOH/g	11,1

