



# ENGINE OIL LSP

## 5W-30

### Product Description:

**ENGINE OIL LSP 5W-30** is a fuel conserving super high performance universal oil designed based on 100% synthetic technology for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year and running on low Sulphur Diesel Fuel (max. 50 ppm).

**ENGINE OIL LSP 5W-30** is developed for use in Euro-4, Euro-5 and Euro-6 engines equipped with Diesel Particulate Filter (DPF). This product is also suitable for vehicles equipped with EGR and/or SCR after treatment systems.

**ENGINE OIL LSP 5W-30** is formulated on high refined synthetic base stock in combination with an special additive package to reach the following properties.

- Excellent thermal- and oxidation stability.
- Very good dispersancy and detergency.
- High anti-foam, anti-wear and anti-corrosion properties.
- Excellent protection against "Bore Polishing".
- Extended drain intervals up to 150.000 km.
- Suitable for engines equipped with a Diesel Particulate Filter (DPF)
- Fuel conserving

**ENGINE OIL LSP 5W-30** meets the following performance criteria:

<b>ACEA E6/E9</b>	<b>API CK-4</b>	<b>MB 228.51</b>	<b>MAN M3677</b>	<b>MAN M3477</b>
<b>MACK EOS-4.5</b>	<b>Volvo VDS-4.5</b>	<b>MTU Type 3.1</b>	<b>Deutz DQC IV-18 LA</b>	
<b>Renault RLD-3</b>	<b>IVECO</b>	<b>DAF</b>	<b>Cummins CES 20086</b>	
<b>Scania LDF-4</b>	<b>CAT ECF-3</b>			

Property	Unit	Test Method	Typical Value
SAE Grade		SAE J300	5W-30
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	855
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	66.8
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	11.3
Viscosity Index		ASTM D2270	164
Viscosity CCS @-30°C	cP	ASTM D5293	5379
Flash Point COC	°C	ASTM D92	>219
Pour Point	°C	ASTM D7346	-35
Total Base Number	mgKOH/g	ASTM D2896	10.1
Sulphated Ash	%Wt	ASTM D874	0.8

**Product Nr:** 42590

**Date Superseded:** 23-06-2021

**Date Issued:** 30-03-2022

**Revision nr:** 08

