



**Product Data Sheet**

**ENGINE OIL LSP 10W-40**

Product Description:

ENGINE OIL LSP 10W-40 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 10W-40 is developed for use in Euro-4, Euro-5 and Euro-6 engines equipped with Diesel Particle Filter (DPF). This product is also suitable for vehicles equipped with EGR and/or SCR after treatment systems.

ENGINE OIL LSP 10W-40 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 Particle Filter (DPF)
- Fuel conserving

ENGINE OIL LSP 10W-40 exceeds the following performance criteria:

ACEA E6/E7	API CI-4	MB 228.51	MAN M3477	MAN M3271
MACK EO-N	Volvo VDS-3	MTU Type 3.1	Deutz DQC III-10 LA	
Renault RLD-2	Cummins 20076/2007			

Properties	Unit	Test Method	Typical Value
SAE Grade		SAE J3000	10W-40
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	863
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	98
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	14.5
Viscosity Index		ASTM D2270	145
Viscosity CCS @-25°C, max	cP	ASTM D2270	7000
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D97	-30
Total Base Number	mgKOH/g	ASTM d2896	10.1
Sulphated Ash	%Wt	ASTM D874	0.8

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