



## Engine Oil Super SHPD 15W-40

Product Code: 76260

Synthetic MID SAPS Heavy Duty Diesel Engine Oil

**Engine Oil Super SHPD 15W-40** is a fuel saving MID SAPS super high performance universal oil based on 100% synthetic technology designed for high loaded diesel engines in light- and heavy commercial vehicles working under severe operating conditions through the whole year for use in Euro-4, Euro-5 and Euro-6 engines equipped with a Diesel Particle Filter (DPF) and suited for diesel engines equipped with EGR and/or SCR after treatment system.

**Engine Oil Super SHPD 15W-40** is formulated with high refined synthetic base stock in combination with an unique 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.
- Complies with strictest European emission regulation.

**Engine Oil Super SHPD 15W-40** meets the following performance criteria:

<b>Approved</b>	Volvo VDS 4.5 DTFR 15C100 (MB 228.31)	Mack EOS-4.5	Renault VI RLD-3
<b>Meets</b>	API CK-4 Deutz DQC III-18-LA DDC93K222	ACEA E6/E7/E11 MAN M3775 MTU Type 3.1	Cummins CES 20086 CAT ECF-3 JASO DH-2

### Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	15W-40
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	877.7
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	119.8
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	15.1
Viscosity Index		ASTM D2270	131
Viscosity CCS @-20°C	cP	ASTM D5293	6210
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-27
Total Base Number	mgKOH/g	ASTM D2896	11.0
Sulphated Ash	%Wt	ASTM D874	0.9

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