



## Engine Oil Super SHPD 10W-30

Product Code: 76275

Synthetic MID SAPS Heavy Duty Diesel Engine Oil

**Engine Oil Super SHPD 10W-30** 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 and Euro-5 engines equipped with a Diesel Particulate Filter (DPF) and suited for diesel engines equipped with EGR and/or SCR after treatment system.

**Engine Oil Super SHPD 10W-30** 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 10W-30** meets the following performance criteria:

<b>Approved:</b>	Volvo VDS-4.5 MB-Approval 228.31	Mack EOS-4.5	Renault VI RLD-3
<b>Meets:</b>	API CK-4 DDC93K222 Cummins CES 20086	ACEA E6/E9 CAT ECF-3 MTU Type 3.1	MAN M3775 Deutz DQC IV-18-LA

### Typical Analysis:

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	10W-30
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	859
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	73
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	11.3
Viscosity Index		ASTM D2270	148
Viscosity CCS @-25°C	cP	ASTM D5293	5200
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	10
Sulphated Ash	%Wt	ASTM D874	1.00

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