



# ENGINE OIL SYNTHETIC UHPD 5W-30

## Product Description:

**ENGINE OIL SYNTHETIC UHPD 5W-30** is a fuel conserving super high performance “MID SAPS” 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 and running on low Sulphur Diesel Fuel (max. 50 ppm). **ENGINE OIL SYNTHETIC UHPD 5W-30** is formulated for use in 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 SYNTHETIC UHPD 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 SYNTHETIC UHPD 5W-30** meets the following performance criteria:

<b>Approved</b>	<b>MAN M3677</b>	<b>MB-approval 228.51</b>	<b>MAN M3477</b>
<b>Exceeds</b>	<b>API CJ-4</b> <b>Volvo VDS-4</b> <b>Mack EO-N</b> <b>JASO DH-2</b>	<b>ACEA E4/E6/E7/E9</b> <b>Renault RLD-3</b> <b>Deutz DQC IV-10-LA</b> <b>Detroit Diesel 93K218</b>	<b>MTU Type 3.1</b> <b>Scania LDF-4</b> <b>CAT ECF-3</b> <b>Cummins CES 20081</b>



Property	Unit	Test Method	Typical Value
SAE Grade		SAE J300	5W-30
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	858
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	68
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	11.8
Viscosity Index		ASTM D2270	170
Viscosity CCS @-30°C, max	cP	ASTM D5293	5600
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-42
Total Base Number	mgKOH/g	ASTM D2896	12.3
Sulphated Ash	%Wt	ASTM D874	1.0

**Product Nr:** 45020  
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