



# 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** exceeds the following performance criteria:

Approved:	Volvo VDS-4.5 DTFR 15C110 (MB 228.51)	MAN M3677 Mack EOS-4.5	Scania LDF-4 Renault VI RLD-3
Exceeds:	ACEA E4/E7/E8/E11 Deutz DQC IV-18 LA Renault VI RLD-4 IVECO CAT ECF-3 JASO DH-2 DTFR 15C120 (MB 228.52)	API CK-4 MTU Type 3.1 / 2.1 Volvo VDS-4 DDC 93K222 DCC 93K218 PSQL 2.1 E-LD DTFR 15C100 (MB 228.31)	MAN M3777 MAN M3775 MAN M3477 MAN M3271-1 Cummins CES 20086 Cummins CES 20081

Property	Unit	Test Method	Typical Value
SAE Grade		SAE J300	5W-30
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	854.9
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	70.3
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	12.1
Viscosity Index		ASTM D2270	162
Viscosity CCS @-30°C	cP	ASTM D5293	6220
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	13.2
Sulphated Ash	%Wt	ASTM D874	0.98

**Product Nr:** 45020

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