



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:

Approved:	MB-Approval 228.51 Volvo VDS-4.5	MAN M3677 / M3775 Mack EOS-4.5	Scania LDF-4 (Pending) Renault VI RLD-3
Meets:	ACEA E4/E6/E7/E9 Deutz DQC IV-18 LA MAN M3691 JASO DH-2 CAT ECF-3	MB 228.52 / 228.31 MTU Type 3.1 / 2.1 Volvo VDS-4 Cummins CES 20086 DDC 93K222	API CK-4 MAN M3777 / M3477 Renault VI RLD-4 Cummins CES 20081 DCC 93K218



Property	Unit	Test Method	Typical Value
SAE Grade		SAE J300	5W-30
Density@15°C	kg/m ³	ASTM D4052	855
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	68
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	11.8
Viscosity Index		ASTM D2270	170
Viscosity CCS @-30°C	cP	ASTM D5293	6100
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-42
Total Base Number	mgKOH/g	ASTM D2896	13.2
Sulphated Ash	%Wt	ASTM D874	0.98

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