



**Product Data Sheet**

**ENGINE OIL SPECIAL UHPD 10W-40**

**Product Description:**

**ENGINE OIL SPECIAL UHPD 10W-40** 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 Special UHPD 10W-40** 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 SPECIAL UHPD 10W-40** 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 Particle Filter (DPF).
- Fuel conserving.

**ENGINE OIL SPECIAL UHPD 10W-40** exceeds the following performance criteria:

ACEA E9/E6/E7	API CJ-4	MB 228.31/228.51	Volvo VDS-4	MACK EO-O+
MAN M3477/3575	MTU Type 2.1/3.1	Cummins CES 20081	CAT ECF-3	Deutz DQC IV-10-LA
Detroit 93K218	Mack EO-N/ EO-O	Renault RVI RLD 2/3		

Properties	Unit	Test Method	Typical Value
SAE Grade		SAE J3000	10W-40
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	863
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	90
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	14.5
Viscosity Index		ASTM D2270	154
Viscosity CCS @-25°C, max	cP	ASTM D2270	7000
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-33
Total Base Number	mgKOH/g	ASTM D2896	12.8
Sulphated Ash	%Wt	ASTM D874	0.98

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