

## ENGINE OIL SPECIAL UHPD 10W-40

## **Product Description:**

**ENGINE OIL SPECIAL UHPD 10W-40** is a fuel conserving super high performance "MID SAPS" oil, 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 Particulate Filter (DPF). This product is also suitable for vehicles equipped with EGR and/or SCR after treatment system.

**ENGINE OIL SPECIAL UHPD 10W-40** is formulated on high refined 100% 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 SPECIAL UHPD 10W-40 meets the following performance criteria:

Approved	MB-approval 228.51	Volvo VDS-4.5	Renault VI RLD-3
	Mack EOS-4.5	Deutz DQC IV-18-LA	MTU Type 3.1
Meets	ACEA E4/E7/E8/E11	API CK-4	MB 228.52
	MB 228.31	Renault VI RLD-4	MTU Type 2.1
	MAN M3775	MAN M3477	MAN M3271-1
	Cummins CES 20086	Cummins CES 20081	Cat ECF-3
	Jaso DH-2-17 DAF PSQL 2.1F-LD	Detroit 93K222	Scania Low-Ash

Property	Unit	Test Method	Typical Value
SAE Grade		SAE J300	10W-40
Density@15°C	kg/m³	ASTM D4052	860
Kin. Viscosity @40°C	mm²/s	ASTM D7042	95
Kin. Viscosity @100°C	mm²/s	ASTM D7042	14.5
Viscosity Index		ASTM D2270	159
Viscosity CCS @-25°C	сР	ASTM D5293	6200
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	13.5
Sulpated Ash	%Wt	ASTM D874	0.98

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