



**Product Data Sheet**

**ENGINE OIL UHPD 10W-40**

**Product Description:**

**ENGINE OIL UHPD 10W-40** is a high performance fully synthetic engine oil to be used in diesel engines in light- and heavy commercial vehicles with or without turbocharger. **ENGINE OIL UHPD 10W-40** is designed for use in Euro-II, Euro-III and EURO-IV emission requirements and engines equipped with EGR and/or SCR exhaust after treatment system. **ENGINE OIL UHPD 10W-40** may not be used in diesel engines equipped with a Diesel Particle Filter (DPF).

**ENGINE OIL UHPD 10W-40** is based on high performance synthetic base oil in combination with especially selected additive technology to ensure the following properties.

- Excellent thermal and oxidation stability.
- Excellent protection against forming of "Bore Polishing".
- Suitable for Low emission engine equipped with EGR and SCR technology
- Excellent protection against wear, foam and corrosion.
- Low temperature properties, to ensure a smooth cold start.
- Extended oil drain interval possible

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

MB 228.5	MAN M3277	MTU Type 3	ACEA E7/E4	Volvo VDS-3
Mack EO-N	Renault VI RXD/RLD-2	API CI-4/CF		

Property	Unit	Test Method	Typical Value
SAE Grade		SAE J3000	10W-40
Density@15°C	kg/m <sup>3</sup>	ASTM D4052	866
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	95
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	13.8
Viscosity Index		ASTM D2270	148
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	12.7
Sulphated Ash	%Wt	ASTM D874	1.5

Product Nr: 4252	Date Issued: 01-01-2015	Date Superseded:	Revision nr:
------------------	-------------------------	------------------	--------------