



## Engine Oil Super UHPD 10W-40

Product Code: 76180

Fully synthetic engine oil for commercial vehicles

**Engine Oil Super 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 Super UHPD 10W-40** is designed for use in Euro-II, Euro-III, EURO-IV and EURO-V emission requirements and engines equipped with EGR and/or SCR exhaust after treatment system. **Engine Oil Super UHPD 10W-40** may not be used in diesel engines equipped with a Diesel Particle Filter (DPF).

**Engine Oil Super 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 Super UHPD 10W-40** exceeds the following performance criteria;

ACEA E4/E7	API CI-4	Mack EO-N	MAN M3277
MTU type 3	Deutz DQC IV-18	Volvo VDS-3	Renault RLD-2
Cummins CES 20077	Scania LDF-3	DAF HP-1 HP-2	Voith Class B
Cummins CES 20078	DTFR 15B120	DTFR 13D110	
	(MB 228.5)	(MB 235.28)	

### Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	10W-40
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	869.6
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	93.5
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	13.6
Viscosity Index		ASTM D2270	148
Viscosity CCS -25°C	Cp	ASTM D5293	6600
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-42
Total Base Number	mgKOH/g	ASTM D2896	14.4
Sulphated Ash	%Wt	ASTM D874	1.8

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