



## Engine Oil Special Synthetic UHPD 5W-30

Product Code: 79210

Synthetic Heavy Duty Diesel Engine Oil

**Engine Oil Special Synthetic UHPD 5W-30** is a fuel conserving super high performance “**LOW 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 Synthetic UHPD 5W-30** 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 systems.

**Engine Oil Special 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 Special Synthetic UHPD 5W-30** meets the following performance criteria:

<b>Approved:</b>	Volvo VDS-4.5	MAN M3677	Scania LDF-4
	DTFR 15C110 (MB 228.51)	Mack EOS-4.5	Renault VI RLD-3
<b>Meets:</b>	ACEA E4/E7/E8/E11	API CK-4	MAN M3777
	Deutz DQC IV-18 LA	MTU Type 3.1 / 2.1	MAN M3775
	Renault VI RLD-4	Volvo VDS-4	MAN M3477
	IVECO	DDC 93K222	MAN M3271-1
	CAT ECF-3	DDC 93K218	Cummins CES 20086
	JASO DH-2	PSQL 2.1 E-LD	Cummins CES 20081
	DTFR 15C120 (MB 228.52)	DTFR 15C100 (MB 228.31)	

### Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	5W-30
Density @15°C	kg/m <sup>3</sup>	ASTM D4052	854.9
Kin. Viscosity @40°C	mm <sup>2</sup> /s	ASTM D7042	70.3
Kin. Viscosity @100°C	mm <sup>2</sup> /s	ASTM D7042	12.1
Viscosity Index		ASTM D2270	162
Viscosity CCS @-30°C	cP	ASTM D5293	6220
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	13.2
Sulphated Ash	%Wt	ASTM D874	0.98

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