

Synthetic Heavy Duty Diesel Engine Oil

Caretta Tecton 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). Caretta Tecton 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.

Caretta Tecton 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.

Caretta Tecton UHPD 10W-40 meets the following performance criteria:

API CK-4	Renault VI RLD-4	MAN M3477
Mack EOS-4.5	DAF PSQL 2.1E-LD	MAN M3271-1
Volvo VDS-4.5	Detroit 93K222	Cummins CES 20086
Renault VI RLD-3	Cat ECF-3	Jaso DH-2-17
MTU Type 3.1	Scania Low-Ash	DTFR 15C100
DTFR 15C110	MTU Type 2.1	(MB 228.31)
(MB 228.51)	Cummins CES 20081	DTFR 15C120
Deutz DQC IV-18-LA	MAN M3775	(MB 228.52)
ACEA E4/E7/E8/E11		

Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	10W-40
Density @15°C	kg/m ³	ASTM D4052	859.7
Kin. Viscosity @40°C	mm ² /s	ASTM D7042	94.7
Kin. Viscosity @100°C	mm ² /s	ASTM D7042	14.4
Viscosity Index		ASTM D2270	158
Viscosity CCS @-25°C	cP	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
Sulphated Ash	%Wt	ASTM D874	0.98