

TIDAL POWER SPECIAL UHPD 10W-40

Synthetic MID-SAPS Heavy Duty Diesel Engine oil

TIDAL POWER SPECIAL 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). This product 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.

TIDAL POWER SPECIAL 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 Particulate Filter (DPF).



TIDAL POWER SPECIAL UHPD 10W-40 meets the following performance criteria:

ACEA E4/E6/E7/E9	API CJ-4	MB 228.31/228.51	MAN M3477/3575/3271-1
MTU Type 3.1/2.1	Renault RVI RLD-2	Renault RVI RLD-3	Cummins CES 2008 1
Scania Low-Ash	CAT ECF-3	Detroit 93K218	Voith Class B/ MB 235.28
Volvo VDS-4	Deutz DQC IV-10-LA	Mack EO-O premium plus	

Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	10W-40
Density @15 °C	kg/m ³	ASTM 4052	865
Kinematic Viscosity @ 40 °C	mm ² /s	ASTM D7042	92.6
Kinematic Viscosity @ 100 °C	mm ² /s	ASTM D7042	14.3
Viscosity Index		ASTM D2270	160
Viscosity CCS @ -20 °C	cP	ASTM D5293	7000
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	12.9
Sulphated Ash	%Wt	ASTM D874	0.98
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