

TIDAL POWER SHPD 10W-40

Synthetic MID-SAPS Heavy Duty Diesel Engine oil

TIDAL POWER SHPD 10W-40 is a fuel saving MID SAPS super high performance universal 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 for use in Euro-4, Euro-5 and Euro-6 engines equipped with a Diesel Particulate Filter (DPF) and suited for diesel engines equipped with EGR and/or SCR after treatment system.

TIDAL POWER SHPD 10W-40 is formulated with high refined synthetic base stock in combination with an unique 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.
- Complies with strictest European emission regulation.

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

Approved:

Volvo VDS-4.5 Mack EOS-4.5 Renault VI RLD-3

Meets:

API CK-4 ACEA E7/E9 CAT ECF-3
 DFS 93K222 DQC III-10-LA MAN M3575
 MB 228.31 MTU Cat 2.1 Cummins CES 20086

Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	10W-40
Density @15 °C	kg/m ³	ASTM 4052	859
Kinematic Viscosity @ 40 °C	mm ² /s	ASTM D7042	98
Kinematic Viscosity @ 100 °C	mm ² /s	ASTM D7042	15.5
Viscosity Index		ASTM D2270	167
Viscosity CCS @ -25 °C	cP	ASTM D5293	3950
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	10.0
Sulphated Ash	%Wt	ASTM D874	1.00
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