

## TIDAL POWER SXPB 10W-40

### Synthetic MID SAPS Heavy Duty Diesel Engine Oil

**TIDAL POWER SXPB 10W-40** is a fuel conserving super MID SAPS high performance universal oil 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) for use in Euro-4, Euro-5 and Euro-6 engines equipped with a Diesel Particulate Filter (DPF). This product is also suitable for vehicles equipped with EGR and/or SCR after treatment systems.

**TIDAL POWER SXPB 10W-40** is formulated on high quality refined synthetic base stock in combination with a 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

**TIDAL POWER SXPB 10W-40** meets the following performance criteria.

<b>Approved:</b>	Volvo VDS 4.5	Mack EOS-4.5	Renault VI RLD-3
<b>Meets:</b>	API CK-4 MTU Type 3.1 JASO DH-2 DAF DTFR 15C110 (MB 228.51)	ACEA E7/E8/E11 Cummins CES 20086 DDC93K222 IVECO DTFR 15C100 (MB 228.31)	MAN M3775 Deutz DQC IV-18 LA CAT ECF-3

### Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	10W-40
Density @15 °C	kg/m <sup>3</sup>	ASTM 4052	859.9
Kinematic Viscosity @ 40 °C	mm <sup>2</sup> /s	ASTM D7042	91
Kinematic Viscosity @ 100 °C	mm <sup>2</sup> /s	ASTM D7042	14.6
Viscosity Index		ASTM D2270	155
Viscosity CCS @ -25 °C	cP	ASTM D5293	5430
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-33
Total Base Number	mgKOH/g	ASTM D2896	10.0
Sulphated Ash	%Wt	ASTM D874	0.9
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