

## TIDAL POWER EHPD 10W-40

### Semi Synthetic Heavy Duty Diesel Engine Oil

**TIDAL POWER EHPD 10W-40** is a high performance fully synthetic engine oil to be used in diesel engines in light- and heavy commercial vehicles with or without turbocharger designed for use in Euro-II, Euro-III and EURO-IV emission requirements and engines equipped with EGR and/or SCR exhaust after treatment system. **TIDAL POWER EHPD 10W-40** is unsuitable for diesel engines equipped with a Diesel Particulate Filter (DPF).

**TIDAL POWER EHPD 10W-40** is based on high performance synthetic base oil in combination with a specially selected additive technology to ensure the following properties:

- Excellent thermal and oxidation stability.
- Excellent protection against forming of "Bore Polishing".
- Suitable for low emission engine equipped with EGR and SCR technology
- Excellent protection against wear, foam and corrosion.
- Low temperature properties, to ensure a smooth cold start.
- Extended oil drain interval possible



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

**Approved:** MB-Approval 228.5 MACK EO-N Renault RLD-2 Volvo VDS-3

**Meets:** API CI-4 ACEA E4/E7 MAN M 3277/3377 Deutz DQC-IV-10  
Renault RXD MTU Type 3 Cummins 20077/20078

**Suitable for use** Scania LDF-2

### Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	10W-40
Density @15 °C	kg/m <sup>3</sup>	ASTM 4052	865
Kinematic Viscosity @ 40 °C	mm <sup>2</sup> /s	ASTM D7042	96
Kinematic Viscosity @ 100 °C	mm <sup>2</sup> /s	ASTM D7042	14.3
Viscosity Index		ASTM D2270	154
Viscosity CCS @ -25 °C	cP	ASTM D5293	7000
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-30
Total Base Number	mgKOH/g	ASTM D2896	12.3
Sulphated Ash	%Wt	ASTM D874	1.5
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