

TIDAL POWER EHPD 10W-40

Synthetic Heavy Duty Diesel Engine Oil

TIDAL POWER EHPD 10W-40 is a high performance 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(pending) MACK EO-N Renault RLD-2 Volvo VDS-3
MAN M3271-1 MAN M3277 Deutz DQC IV-18

Meets: API CI-4 ACEA E4/E7 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 ³ | ASTM 4052 | 862 |
| Kinematic Viscosity @ 40 °C | mm ² /s | ASTM D7042 | 93 |
| Kinematic Viscosity @ 100 °C | mm ² /s | ASTM D7042 | 13.8 |
| Viscosity Index | | ASTM D2270 | 152 |
| Viscosity CCS @ -25 °C | cP | ASTM D5293 | 6000 |
| Flash Point COC | °C | ASTM D92 | >201 |
| Pour Point | °C | ASTM D7346 | -33 |
| Total Base Number | mgKOH/g | ASTM D2896 | 12.4 |
| Sulphated Ash | %Wt | ASTM D874 | 1.5 |
| Date Issued: 13-12-2021 | | Supersedes: 07-4-2021 | Revision Nr.: 06 |

