

TIDAL POWER HDX 15W-40

Mineral Heavy Duty Diesel Engine oil

TIDAL POWER HDX 15W-40 is an extra high performance universal engine oil 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-3, Euro-4 and Euro-5 engines equipped with EGR and/or SCR. This product is not suitable for vehicles equipped with a Diesel Particulate Filter (DPF).

TIDAL POWER HDX 15W-40 is formulated with high refined solvent mineral 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.

TIDAL POWER HDX 15W-40 meets the following performance criteria:

| | | | | |
|-----------------|---|---------------------------------------|--|--------------------------|
| Approved | DTR 15B110 (MB 228.3) | Volvo VDS-3 | MACK EO-N | Renault RLD-2 |
| Meets | API CI-4/ SL JASO DH-1 CAT ECF-1a Cummins CES 20077, 20078 | ACEA E7 Deutz DQC-III CAT ECF-2 | DDC 93K215 MTU Type 2 MAN M 3275 | Global DHD-1 MB 228.1 |

Typical Analysis

| Properties | Unit | Method | Typical Value |
|------------------------------|--------------------|-----------------------|------------------|
| SAE Grade | | SAE J300 | 15W-40 |
| Density @15 °C | kg/m ³ | ASTM 4052 | 886.3 |
| Kinematic Viscosity @ 40 °C | mm ² /s | ASTM D7042 | 99.8 |
| Kinematic Viscosity @ 100 °C | mm ² /s | ASTM D7042 | 13.7 |
| Viscosity Index | | ASTM D2270 | 138 |
| Viscosity CCS @ -20 °C, max. | cP | ASTM D5293 | 5690 |
| Flash Point COC | °C | ASTM D92 | >201 |
| Pour Point | °C | ASTM D7346 | -30 |
| Total Base Number | mgKOH/g | ASTM D2896 | 11.2 |
| Sulphated Ash | %Wt | ASTM D874 | 1.5 |
| Date Issued: 15-5-2025 | | Supersedes: 9-11-2021 | Revision Nr.: 07 |

