



ENGINE OIL HDX 10W-40

Product Description:

Engine Oil HDX 10W-40 is a extra high performance universal semi synthetic 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 DPF filters.

Engine Oil HDX 10W-40 is formulated with high refined solvent mineral and 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.

ENGINE OIL HDX 10W-40 meets the following performance criteria:

| | | | | |
|-----------------|--------------------------|--------------------------------|--------------------------|------------------|
| Approved | MB Approval 228.3 | Volvo VDS-3 | Renault RLD-2 | MACK EO-N |
| Meets | API CI-4/SL | ACEA E7 | ACEA A3/B4 | MB 229.1 |
| | MAN M3275 | MTU Type 2 | Mack EO-M | JASO DH-1 |
| | Global DHD-1 | DDC 93K215 | CAT ECF-1a, ECF-2 | |
| | Deutz DQC-III-10 | Cummins CES 20077/20078 | | |



| Property | Unit | Test Method | Typical Value |
|---------------------------|--------------------|-------------|---------------|
| SAE Grade | | SAE J300 | 10W-40 |
| Density@15°C | kg/m ³ | ASTM D4052 | 861 |
| Kin. Viscosity @40°C | mm ² /s | ASTM D7042 | 91.6 |
| Kin. Viscosity @100°C | mm ² /s | ASTM D7042 | 14.2 |
| Viscosity Index | | ASTM D2270 | 161 |
| Viscosity CCS @-25°C, max | cP | ASTM D2270 | 5020 |
| Flash Point COC | °C | ASTM D92 | >201 |
| Pour Point | °C | ASTM D7346 | -33 |
| Total Base Number | mgKOH/g | ASTM D2896 | 11.4 |
| Sulphated Ash | %Wt | ASTM D874 | 1.5 |

Product Nr: 42550

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