

Q8 Formula Truck 8610 10W-40

Synthetic UHPD engine oil for ACEA E4/E6/E8/E7/E9/E11 2022

Description

The Q8 Formula Truck 8610 10W-40 is a superior ultra-high performance low SAPS heavy-duty engine oil. This product offers exceptional protection against engine wear, specifically against cam wear. It meets ACEA E8 2022 specification along with specifications of various leading European OEM's such as Mercedes-Benz, MAN, Scania and Volvo.

Applications

Q8 Formula Truck 8610 10W-40 is developed for heavy-duty vehicles requiring the ACEA E4/E6/ E8/E7/E9/E11 and API CK-4 specifications. It can be used in most Euro IV, Euro V and Euro VI diesel engines equipped with after treatment systems and operating on low sulphur diesel. It exceeds the requirements of more than 90% of the heavy-duty fleet such as IVECO, Scania, MAN, Mercedes-Benz, Cummins, Volvo, MTU or Caterpillar.

Benefits

- Outstanding combustion chamber cleanliness due to low sulphated ash level.
- Superior bio-fuel compatibility.
- Superior catalytic after treatment system (SCR) protection.
- Superior protection against engine wear.
- Extreme drain interval capability.

Specifications / Recommendations / Approvals

| | | | |
|----------------|---------------------|----------|-----------------------------|
| ACEA | E11 | Liebherr | LH-00-ENG3A LA |
| ACEA | E4 | Liebherr | LH-00-ENG5C LA |
| ACEA | E6 | MAN | M 3271-1 * |
| ACEA | E7 | MAN | M 3477 * |
| ACEA | E8 | MAN | M 3575 |
| ACEA | E9 | MAN | M 3775 |
| API | CJ-4 | MB | 226.9 |
| API | CK-4 | MB | 228.31 (DTFR 15C100) |
| Caterpillar | ECF-3 | MB | 228.51 (DTFR 15C110) |
| Cummins | CES 20081 | MB | 228.52 (DTFR 15C120) |
| Cummins | CES 20086 | MTU | Type 3.1 * |
| DAF | Extended Drain | Mack | EO-O Premium Plus |
| Detroit Diesel | DFS 93K218 | Mack | EO-S 4.5 |
| Detroit Diesel | DFS 93K222 | Renault | RGD |
| Deutz | DQC IV-10 LA | Renault | RLD-3 |
| Deutz | DQC IV-18 LA | Renault | RXD |
| Iveco | 18-1804 TLS E6 | Scania | LA (Low Ash) * |
| Iveco | 18-1804 TLS E9 | Volvo | CNG |
| Iveco | 18-1809 NG2 | Volvo | VDS-4 |
| JASO | DH-2 | Volvo | VDS-4.5 |
| Liebherr | LH-00-ENG LA | | |

Color code blue = officially approved

* Pending approval

Properties

| | Method | Unit | Typical |
|--|---------------|--------------------|------------|
| Density, 20 °C | D 4052 | g/ml | 0,856 |
| Density, 15 °C | D 4052 | g/ml | 0,859 |
| Viscosity Grade | - | - | SAE 10W-40 |
| Kinematic Viscosity, 40 °C | D 445 | mm ² /s | 89.7 |
| Kinematic Viscosity, 100 °C | D 445 | mm ² /s | 13.6 |
| Viscosity Index | D 2270 | - | 153 |
| Total Base Number | D 2896 | mg KOH/g | 13.3 |
| Pour Point | D 97 | °C | -33 |
| Flash Point, P-M | D 93 | °C | 226 |
| Sulfated Ash | D 874 | % mass | 1.0 |
| Borderline Pumping Temperature | D 3829 | °C | -30 |
| Apparent Viscosity, -25 °C | D 5293 | mPa.s | 6000 |
| Viscosity at high temp. & high shear rate (HTHS) | CEC-L-36-A-90 | mPa.s | >=3.5 |

The figures above are not a specification. They are typical figures obtained within production tolerances.

Remarks

Product Data Sheet includes a selection of specifications, for full overview please consult the Q8Oils website.

Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Formula Truck 8610 10W-40 is **1.48** kg CO₂eq / kg.
Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.
For more info check here

