

Q8 Formula Truck 8810 FE 5W-30

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

Description

The Q8 Formula Truck 8810 FE 5W-30 is a superior ultra high performance low SAPS heavy-duty engine oil. This product offers exceptional protection against engine wear, specifically against cam wear, and provides fuel economy improvements up to 1% or more. It meets ACEA E8 & E11 specifications along with specifications of various leading European OEM's such as Mercedes-Benz, MAN, Scania and Volvo.

Applications

Q8 Formula Truck 8810 FE 5W-30 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 fuel. It exceeds the requirements of more than 90% of the heavy-duty fleet such as IVECO, Scania, MAN, Mercedes-Benz, Cummins, Volvo, MTU, Caterpillar or Tatra Trucks.

Benefits

- Superior protection against engine wear.
- Fuel economy improvement up to 1%.
- Superior bio-fuel compatibility.
- Superior catalytic after treatment system (SCR) protection.
- Best-in-class engine cleanliness.

Specifications / Recommendations / Approvals

| | | | |
|----------------|---------------------|----------|-----------------------------|
| ACEA | E11 | Liebherr | LH-00-ENG 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 3677 |
| API | CJ-4 | MAN | M 3775 |
| API | CK-4 | MAN | M 3777 |
| Caterpillar | ECF-3 | MB | 228.31 (DTFR 15C100) |
| Cummins | CES 20081 | MB | 228.51 (DTFR 15C110) |
| Cummins | CES 20086 | MB | 228.52 (DTFR 15C120) |
| DAF | Extended Drain | MTU | Type 3.1 * |
| Detroit Diesel | DFS 93K218 | Mack | EO-O Premium Plus |
| Detroit Diesel | DFS 93K222 | Mack | EO-S 4.5 |
| Deutz | DQC IV-18 LA | Renault | RGD |
| Ford | M2C213-A1 | Renault | RLD-3 |
| Iveco | 18-1804 TLS E6 | Scania | LA (Low Ash) |
| Iveco | 18-1804 TLS E9 | Scania | LDF-4 |
| Iveco | 18-1809 NG2 | Tatra | TDS 30/12 |
| JASO | DH-1 | Volvo | CNG |
| JASO | DH-2 | Volvo | VDS-4 |
| JASO | DL-0 | Volvo | VDS-4.5 |

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 | 0,861 |
| Viscosity Grade | - | - | SAE 5W-30 |
| Kinematic Viscosity, 40 °C | D 445 | mm ² /s | 72.5 |
| Kinematic Viscosity, 100 °C | D 445 | mm ² /s | 12.2 |
| Viscosity Index | D 2270 | - | 167 |
| Total Base Number | D 2896 | mg KOH/g | 13 |
| Pour Point | D 97 | °C | -42 |
| Flash Point, P-M | D 93 | °C | 221 |
| Sulfated Ash | D 874 | % mass | 1.0 |
| Borderline Pumping Temperature | D 3829 | °C | -39 |

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

Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Formula Truck 8810 FE 5W-30 is **1.49** kg CO₂eq / kg.

Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.

For more info check here



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