

## Q8 Formula Truck 7000 10W-40

Synthetic ACEA E9/E11 and API CK-4 heavy-duty engine oil

### Description

Q8 Formula Truck 7000 10W-40 is a superior low SAPS heavy-duty engine oil. This product provides exceptional wear and corrosion protection for all engine parts and prevents combustion soot. Prolonged drain intervals can be applied. It is developed for bio-fuel compatibility and meets the ACEA E9/E11 2022 and API CK-4 specifications.

### Applications

Q8 Formula Truck 7000 10W-40 is designed for on- and off-highway heavy-duty vehicles requiring a low SAPS engine oil. It can be used in Euro IV, Euro V and Euro VI diesel engines with aftertreatment systems. Extended drain intervals can be applied. It is designed for Volvo VDS-4.5 and meets the ACEA E9/E11 2022 and API CK-4 specifications. Q8 Formula Truck 7000 10W-40 may be used where Volvo VDS-5 is prescribed though change interval must be adjusted accordingly and no VDS-5 fuel economy benefits are available. Please note Q8 Formula Truck 7000 10W-40 is not VDS-5 approved.

### Benefits

- Outstanding combustion chamber cleanliness due to low sulphated ash level.
- Superior protection against engine wear.
- Superior protection against piston rings deposits.
- Exceptional engine protection after cold start.
- Exceptional diesel particulate filter (DPF/CRT) plugging minimalisation.

### Specifications, recommendations and approvals

|                  |                                |            |                   |
|------------------|--------------------------------|------------|-------------------|
| ACEA             | E11                            | Isuzu      |                   |
| ACEA             | E7                             | JASO       | DH-2 *            |
| ACEA             | E9                             | John Deere | JDQ 78X           |
| API              | CI-4                           | Liebherr   | LH-00-ENG3A LA    |
| API              | CI-4+                          | MAN        | M 3271-1          |
| API              | CJ-4                           | MAN        | M 3575            |
| API              | <b>CK-4</b>                    | MAN        | <b>M 3775</b>     |
| API              | SN                             | MB         | 226.9             |
| Allison          | TES-439                        | MTU        | Type 2.1          |
| Case New Holland | MAT 3571                       | Mack       | EO-O Premium Plus |
| Caterpillar      | ECF-3                          | Mack       | <b>EO-S 4.5</b>   |
| Cummins          | CES 20081                      | Renault    | RGD               |
| Cummins          | CES 20086                      | Renault    | <b>RLD-3</b>      |
| Daimler Truck AG | <b>DTFR 15C100 (MB 228.31)</b> | Tata       |                   |
| Detroit Diesel   | DFS 93K218                     | UD Trucks  |                   |
| Detroit Diesel   | DFS 93K222                     | Valtra     | S-Series          |
| Deutz            | <b>DQC III-18 LA</b>           | Volvo      | CNG               |
| Ford             | M2C171-F1                      | Volvo      | VDS-4             |
| Hino             |                                | Volvo      | <b>VDS-4.5</b>    |

Color code blue = officially approved

\* Pending approval

## Properties

|                             | Method   | Unit               | Typical |
|-----------------------------|----------|--------------------|---------|
| Viscosity Grade             | SAE J300 | SAE                | 10W-40  |
| Density, 15 °C              | D 4052   | g/ml               | 0,868   |
| Density, 20 °C              | D 4052   | g/ml               | 0,865   |
| Kinematic Viscosity, 40 °C  | D 445    | mm <sup>2</sup> /s | 104.3   |
| Kinematic Viscosity, 100 °C | D 445    | mm <sup>2</sup> /s | 15.0    |
| Viscosity Index             | D 2270   | -                  | 149     |
| Pour Point                  | D 97     | °C                 | -45     |
| Flash Point, COC            | D 92     | °C                 | 234     |
| Total Base Number           | D 2896   | mg KOH/g           | 10      |
| Sulfated Ash                | D 874    | % mass             | 1.0     |
| Phosphorus                  | D 6443   | ppm                | >1000   |

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 7000 10W-40 is **1.27** kg CO<sub>2</sub>eq / 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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