

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

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	mm²/s	72.5
Kinematic Viscosity, 100 °C	D 445	mm²/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 CO<sub>2</sub>eq / kg.

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

To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.

For more info check [here](#)



**we  
take  
care**

PRODUCT CARBON FOOTPRINT  
METHOD VALIDATED BY:

PCF CALCULATION IN LINE WITH:  
ISO 14067 | ATIEL-UEIL PCF

