

## Q8 Formula Truck 8900 FE 5W-30

Synthetic UHPD engine oil ACEA E7/E6/E9

### Description

The Q8 Formula Truck 8900 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 E6 specification along with specifications of various leading European OEM's such as Mercedes-Benz, MAN, Scania and Volvo.

### Applications

Q8 Formula Truck 8900 FE 5W-30 is developed for heavy-duty vehicles requiring the ACEA E6 / E7 / E9 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 or Caterpillar. Also suitable for LNG and CNG engines. Q8 Formula Truck 8900 FE 5W-30 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 8900 FE 5W-30 is not VDS-5 approved.

### Benefits

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

### Specifications, recommendations and approvals

ACEA	E6	MAN	M 3477
ACEA	E7	MAN	<b>M 3677</b>
ACEA	E9	MAN	M 3775
API	CK-4	MB	226.9
Caterpillar	ECF-3	MB	<b>228.31</b>
Cummins	CES 20081	MB	<b>228.51</b>
Cummins	<b>CES 20086</b>	MB	228.52
DAF	Extended Drain	MTU	<b>Type 3.1</b>
DAF	PSQL 2.1E	Mack	<b>EO-S 4.5</b>
DAF	PSQL 2.1E LD	Renault	RGD
Detroit Diesel	93K222	Renault	<b>RLD-3</b>
Deutz	DQC IV-10 LA	Renault	RLD-4
Deutz	<b>DQC IV-18 LA</b>	Renault	RXD
Iveco	18-1804 TLS E9	Scania	LA (Low Ash) *
JASO	DH-2	Scania	LDF-4 *
Liebherr	LH-00-ENG LA	Volvo	CNG
MAN	M 3271-1	Volvo	<b>VDS-4.5</b>
MAN	M 3271-1		

Color code blue = officially approved

\* Pending approval

## Properties

	<i>Method</i>	<i>Unit</i>	<i>Typical</i>
<i>Density, 15 °C</i>	<i>D 4052</i>	<i>g/ml</i>	<i>0,857</i>
<i>Viscosity Grade</i>	-	-	<i>SAE 5W-30</i>
<i>Kinematic Viscosity, 40 °C</i>	<i>D 445</i>	<i>mm<sup>2</sup>/s</i>	<i>70.9</i>
<i>Kinematic Viscosity, 100 °C</i>	<i>D 445</i>	<i>mm<sup>2</sup>/s</i>	<i>11.7</i>
<i>Viscosity Index</i>	<i>D 2270</i>	-	<i>161</i>
<i>Total Base Number</i>	<i>D 2896</i>	<i>mg KOH/g</i>	<i>10.1</i>
<i>Pour Point</i>	<i>D 97</i>	<i>°C</i>	<i>-45</i>
<i>Flash Point, P-M</i>	<i>D 93</i>	<i>°C</i>	<i>202</i>
<i>Sulfated Ash</i>	<i>D 874</i>	<i>% mass</i>	<i>1.0</i>
<i>Borderline Pumping Temperature</i>	<i>D 3829</i>	<i>°C</i>	<i>-39</i>

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