

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. Q8 Formula Truck 8810 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.

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 and approvals

ACEA	E11	Liebherr	LH-00-ENG5C LA
ACEA	E4	MAN	M 3271-1
ACEA	E6	MAN	M 3477
ACEA	E7	MAN	M 3575
ACEA	E8	MAN	M 3677
ACEA	E9	MAN	M 3775
API	CJ-4	MAN	M 3777
API	CK-4	MB	228.31
Caterpillar	ECF-3	MB	228.51
Cummins	CES 20081	MB	228.52
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-18 LA	Renault	RLD-3
Ford	M2C213-A1	Scania	LA (Low Ash)
Iveco	18-1804 TLS E6	Scania	LDF-4
Iveco	18-1804 TLS E9	Tatra	TDS 30/12
JASO	DH-1	Volvo	CNG
JASO	DH-2	Volvo	VDS-4
JASO	DL-0	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	0,861
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.