

Q8 Formula Truck 8900 FE 5W-30

Synthetic UHPD engine oil ACEA E7/E6/E8/E9/E11

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/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 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	E11	Liebherr	LH-00-ENG LA
ACEA	E6	Liebherr	LH-00-ENG5C LA
ACEA	E7	MAN	M 3271-1
ACEA	E8	MAN	M 3477
ACEA	E9	MAN	M 3677
API	CK-4	MAN	M 3691
Caterpillar	ECF-3	MAN	M 3775
Cummins	CES 20081	MB	226.9
Cummins	CES 20086	MB	227.61
DAF	Extended Drain	MB	228.31
DAF	PSQL 2.1E	MB	228.51
DAF	PSQL 2.1E LD	MB	228.52 *
Daimler Truck AG	DTFR 15C100 (MB 228.31)	MTU	Type 3.1
Daimler Truck AG	DTFR 15C110 (MB 228.51)	Mack	EO-S 4.5
Daimler Truck AG	DTFR 15C120 (MB 228.52) *	Renault	RGD
Daimler Truck AG	DTFR 15D100 (MB 227.61)	Renault	RLD-3
Detroit Diesel	DFS 93K222	Renault	RLD-4
Deutz	DQC IV-10 LA	Renault	RLD-5
Deutz	DQC IV-18 LA	Renault	RXD
Ford	M2C213-A1	Scania	LA (Low Ash)
Iveco	18-1804 TLS E6	Scania	LDF-4
Iveco	18-1804 TLS E9	Volvo	CNG
Iveco	18-1809 NG2	Volvo	VDS-4.5
JASO	DH-2	Volvo	VDS-5

Color code blue = officially approved

* Pending approval

Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0,857
Viscosity Grade	-	-	SAE 5W-30
Kinematic Viscosity, 40 °C	D 445	mm ² /s	70.9
Kinematic Viscosity, 100 °C	D 445	mm ² /s	11.7
Viscosity Index	D 2270	-	161
Total Base Number	D 2896	mg KOH/g	10.1
Pour Point	D 97	°C	-45
Flash Point, P-M	D 93	°C	229
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.