

Q8 Formula Truck 8610 10W-40

Synthetic UHPD engine oil for ACEA E4/E6/E8/E7/E9/E11 2022

Description

The Q8 Formula Truck 8610 10W-40 is a superior ultra-high performance low SAPS heavy-duty engine oil. This product offers exceptional protection against engine wear, specifically against cam wear. It meets ACEA E8 2022 specification along with specifications of various leading European OEM's such as Mercedes-Benz, MAN, Scania and Volvo.

Applications

Q8 Formula Truck 8610 10W-40 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. 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.

Benefits

- Outstanding combustion chamber cleanliness due to low sulphated ash level.
- Superior bio-fuel compatibility.
- Superior catalytic after treatment system (SCR) protection.
- Superior protection against engine wear.
- Extreme drain interval capability.

Specifications, recommendations and approvals

ACEA	E11	Liebherr	LH-00-ENG3A 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	M 3775
API	CJ-4	MB	226.9
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
DAF	PSQL 2.1E LD	Mack	EO-S 4.5
Detroit Diesel	DFS 93K218	Renault	RGD
Detroit Diesel	DFS 93K222	Renault	RLD-3
Deutz	DQC IV-10 LA	Renault	RLD-4
Deutz	DQC IV-18 LA	Renault	RXD
Iveco	18-1804 TLS E6	Scania	LA (Low Ash) *
Iveco	18-1804 TLS E9	Volvo	CNG
Iveco	18-1809 NG2	Volvo	VDS-4
JASO	DH-2	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	0,859
Viscosity Grade	-	-	SAE 10W-40
Kinematic Viscosity, 40 °C	D 445	mm ² /s	89.7
Kinematic Viscosity, 100 °C	D 445	mm ² /s	13.6
Viscosity Index	D 2270	-	153
Total Base Number	D 2896	mg KOH/g	13.3
Pour Point	D 97	°C	-33
Flash Point, P-M	D 93	°C	226
Sulfated Ash	D 874	% mass	1.0
Borderline Pumping Temperature	D 3829	°C	-30
Apparent Viscosity, -25 °C	D 5293	mPa.s	6000
Viscosity at high temp. & high shear rate (HTHS)	CEC-L-36-A-90	mPa.s	>=3.5

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

Remarks

Product Data Sheet includes a selection of specifications, for full overview please consult the Q8Oils website.