

## Q8 Formula Truck 8620 FE 10W-30

Synthetic UHPD/G engine oil for Cummins CES 20100/20092

### Description

The Q8 Formula Truck 8620 FE 10W-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. It meets ACEA E8 2022 specification along with specifications of various leading European OEM's such as Mercedes-Benz, MAN, Volvo and Cummins.

### Applications

Q8 Formula Truck 8620 FE 10W-30 is developed for heavy-duty vehicles requiring the ACEA E6/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 as well as mobile gas applications with requests for the Cummins CES 20092 and CES 20100.

### Benefits

- Outstanding engine cleanliness increasing engine durability.
- Superior oil film strength preventing engine wear.
- Optimum service life due to chemical stability.
- Superior Bio-diesel compatibility due to improved oxidation stability.

### Specifications, recommendations and approvals

ACEA	E11	Detroit Diesel	DFS 93K222
ACEA	E6	Deutz	DQC IV-18 LA
ACEA	E7	MAN	M 3271-1
ACEA	E8	MAN	M 3775
ACEA	E9	MB	228.51
API	CK-4	MB	228.52
Caterpillar	ECF-3	MTU	Type 2.1
Cummins	<b>CES 20086</b>	MTU	Type 3.1
Cummins	<b>CES 20092</b>	Mack	EO-S 4.5
Cummins	<b>CES 20100</b>	Renault	RGD
DAF	PSQL 2.1E LD	Renault	RLD-3
Daimler Truck AG	DTFR 15C110 (MB 228.51)	Renault	RXD
Daimler Truck AG	DTFR 15C120 (MB 228.52)	Volvo	CNG
Daimler Truck AG	<b>DTFR 15E100</b>	Volvo	VDS-4.5

Color code blue = officially approved

### Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0.862
Density, 20 °C	D 4052	g/ml	0.859
Viscosity Grade	-	-	10W-30
Kin. Viscosity Base Oil at 40 °C	D 445	mm <sup>2</sup> /s	83
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	12.2
Viscosity Index	D 2270	-	141
Flash Point, COC	D 92	°C (°F)	235
Pour Point	D 97	°C	-35
Total Base Number	D 2896	mg KOH/g	10
Sulfated Ash	D 874	% mass	0.9
Apparent Viscosity, -25 °C	D 5293	mPa.s	6700

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

