

## Q8 Formula Truck 7000 FE 10W-30

Synthetic ACEA E9/E11 and API CK-4 heavy-duty engine oil

### Description

Q8 Formula Truck 7000 FE 10W-30 is a superior super high performance low SAPS heavy-duty engine oil. This product provides best-in-class wear and corrosion protection for all engine parts and prevents combustion soot. It offers fuel economy improvement up to 1.0% and prolonged drain interval. The lubricant is bio-fuel compatible.

### Applications

Q8 Formula Truck 7000 FE 10W-30 is designed for on- and off-highway heavy-duty vehicles requiring a low SAPS engine oil. It can be used in Euro IV, Euro V and Euro VI diesel engines equipped with aftertreatment systems. Extended drain intervals for high quality diesel engine oils can be applied. It is especially designed for Volvo VDS-4.5. Q8 Formula Truck 7000 FE 10W-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 7000 FE 10W-30 is not VDS-5 approved.

### Benefits

- Outstanding combustion chamber cleanliness due to low sulphated ash level.
- Superior protection against engine wear.
- Superior protection against piston rings deposits.
- Exceptional engine protection after cold start.
- Exceptional diesel particulate filter (DPF/CRT) plugging minimisation.

### Specifications, recommendations and approvals

ACEA	E11	Hino	
ACEA	E7	Isuzu	
ACEA	E9	JASO	DH-2
API	CI-4	MAN	M 3271-1
API	CI-4+	MAN	M 3575
API	CJ-4	MAN	<b>M 3775</b>
API	<b>CK-4</b>	MB	226.9
API	SN	MTU	<b>Type 2.1</b>
Allison	TES-439	Mack	EO-O Premium Plus
Case New Holland	MAT 3571	Mack	<b>EO-S 4.5</b>
Caterpillar	ECF-3	Renault	RGD
Cummins	CES 20081	Renault	<b>RLD-3</b>
Cummins	<b>CES 20086</b>	Tata	
Daimler Truck AG	<b>DTFR 15C100 (MB 228.31)</b>	UD Trucks	
Detroit Diesel	DFS 93K218	Volvo	CNG
Detroit Diesel	DFS 93K222	Volvo	VDS-4
Deutz	DQC III-18 LA *	Volvo	<b>VDS-4.5</b>
Ford	M2C171-F1		

Color code blue = officially approved

\* Pending approval

## Properties

	Method	Unit	Typical
Density, 20 °C	D 4052	g/ml	0.868
Density, 15 °C	D 4052	g/ml	0.871
Viscosity Grade	-	-	SAE 10W-30
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	82.2
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	12
Viscosity Index	D 2270	-	140
Total Base Number	D 2896	mg KOH/g	10
Pour Point	D 97	°C	-42
Flash Point, COC	D 92	°C	238
Sulfated Ash	D 874	% mass	1.0
Borderline Pumping Temperature	D 3829	°C	-38

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