

Q8 Formula Truck 7000 10W-40

Synthetic ACEA E9/E11 2022 and API CK-4 heavy-duty engine oil

Description

Q8 Formula Truck 7000 10W-40 is a superior low SAPS heavy-duty engine oil. This product provides exceptional wear and corrosion protection for all engine parts and prevents combustion soot. Prolonged drain intervals can be applied. It is developed for bio-fuel compatibility and meets the ACEA E9/E11 2022 and API CK-4 specifications.

Applications

Q8 Formula Truck 7000 10W-40 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 with aftertreatment systems. Extended drain intervals can be applied. It is designed for Volvo VDS-4.5 and meets the ACEA E9/E11 2022 and API CK-4 specifications. Q8 Formula Truck 7000 10W-40 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 10W-40 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 minimalisation.

Specifications, recommendations and approvals

ACEA	E11	Hino	
ACEA	E7	Isuzu	
ACEA	E9	JASO	DH-2
API	CI-4	Liebherr	LH-00-ENG3A LA
API	CI-4+	MAN	M 3271-1
API	CJ-4	MAN	M 3575
API	CK-4	MAN	M 3775
API	SN	MB	226.9
Allison	TES-439	MTU	Type 2.1
Case New Holland	MAT 3571	Mack	EO-O Premium Plus
Caterpillar	ECF-3	Mack	EO-S 4.5
Cummins	CES 20081	Renault	RGD
Cummins	CES 20086	Renault	RLD-3
Daimler Truck AG	DTFR 15C100 (MB 228.31)	Tata	
Detroit Diesel	DFS 93K218	UD Trucks	
Detroit Diesel	DFS 93K222	Volvo	CNG
Deutz	DQC III-18 LA	Volvo	VDS-4
Ford	M2C171-F1	Volvo	VDS-4.5

Color code blue = officially approved

Properties

	<i>Method</i>	<i>Unit</i>	<i>Typical</i>
<i>Viscosity Grade</i>	<i>SAE J300</i>	<i>SAE</i>	<i>10W-40</i>
<i>Kinematic Viscosity, 40 °C</i>	<i>D 445</i>	<i>mm²/s</i>	<i>104.3</i>
<i>Kinematic Viscosity, 100 °C</i>	<i>D 445</i>	<i>mm²/s</i>	<i>15.0</i>
<i>Viscosity Index</i>	<i>D 2270</i>	<i>-</i>	<i>149</i>
<i>Density, 15 °C</i>	<i>D 4052</i>	<i>g/ml</i>	<i>0,868</i>
<i>Density, 20 °C</i>	<i>D 4052</i>	<i>g/ml</i>	<i>0,865</i>
<i>Pour Point</i>	<i>D 97</i>	<i>°C</i>	<i>-45</i>
<i>Flash Point, COC</i>	<i>D 92</i>	<i>°C</i>	<i>234</i>
<i>Sulfated Ash</i>	<i>D 874</i>	<i>% mass</i>	<i>1.0</i>
<i>Total Base Number</i>	<i>D 2896</i>	<i>mg KOH/g</i>	<i>10</i>

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