

## Q8 Formula Truck 7000 15W-40

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

### Description

Q8 Formula Truck 7000 15W-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 and API CK-4 specifications.

### Applications

Q8 Formula Truck 7000 15W-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 and API CK-4 specifications. Q8 Formula Truck 7000 15W-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 15W-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	E7	MAN	M 3271-1
ACEA	E9	MAN	M 3575
API	<b>CK-4</b>	MAN	M 3775 *
Allison	TES-439	MB	226.9
Case New Holland	MAT 3571	MB	<b>228.31</b>
Caterpillar	ECF-2	MTU	Type 2.1
Caterpillar	ECF-3	Mack	EO-O Premium Plus
Cummins	<b>CES 20086</b>	Mack	<b>EO-S 4.5</b>
Detroit Diesel	93K218	Renault	RGD
Detroit Diesel	93K222	Renault	<b>RLD-3</b>
Deutz	DQC III-10 LA	Renault	RLD-4
Deutz	DQC III-18 LA *	Tata	
Ford	M2C 171-F1	UD Trucks	
Hino		Volvo	CNG
Isuzu		Volvo	VDS-4
JASO	DH-2	Volvo	<b>VDS-4.5</b>

Color code blue = officially approved

\* Pending approval

## Properties

	<i>Method</i>	<i>Unit</i>	<i>Typical</i>
<i>Density, 15 °C</i>	<i>D 4052</i>	<i>g/ml</i>	<i>0,874</i>
<i>Viscosity Grade</i>	-	-	<i>SAE 15W-40</i>
<i>Kinematic Viscosity, 40 °C</i>	<i>D 445</i>	<i>mm<sup>2</sup>/s</i>	<i>113</i>
<i>Kinematic Viscosity, 100 °C</i>	<i>D 445</i>	<i>mm<sup>2</sup>/s</i>	<i>15.0</i>
<i>Viscosity Index</i>	<i>D 2270</i>	-	<i>139</i>
<i>Total Base Number</i>	<i>D 2896</i>	<i>mg KOH/g</i>	<i>10</i>
<i>Pour Point</i>	<i>D 97</i>	<i>°C</i>	<i>-30</i>
<i>Flash Point, COC</i>	<i>D 92</i>	<i>°C</i>	<i>226</i>
<i>Sulfated Ash</i>	<i>D 874</i>	<i>% mass</i>	<i>1.0</i>
<i>Borderline Pumping Temperature</i>	<i>D 3829</i>	<i>°C</i>	<i>-28</i>

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