

## Q8 Formula Truck 8500 10W-40

Synthetic UHPD engine oil ACEA E6/E7/E9

### Description

Q8 Formula Truck 8500 10W-40 is a superior ultra high performance low SAPS heavy-duty engine oil. This product is bio-fuel compatible and has excellent cold starting properties. It offers extended oil drains, provides exceptional protection against wear and prevents oxidation. It meets requirements of OEM's such as Mercedes-Benz, MAN, Scania and Volvo.

### Applications

Q8 Formula Truck 8500 10W-40 is developed for heavy-duty vehicles requiring the ACEA E6 / E7 / E9 and API CJ-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 Scania, MAN, Mercedes-Benz, Cummins, Volvo, MTU or Caterpillar. Q8 Formula Truck 8500 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 8500 10W-40 is not VDS-5 approved

### Benefits

- Excellent combustion chamber cleanliness due to low sulphated ash level.
- Excellent engine protection after cold start.
- Superb catalytic after treatment system (SCR) protection.
- Fuel economy improvement up to 1%.
- Outstanding bio-fuel compatibility.

### Specifications, recommendations and approvals

ACEA	E6	MAN	M 3477
ACEA	E7	MB	226.9
ACEA	E9	MB	<b>228.31</b>
API	CJ-4	MB	<b>228.51</b>
Caterpillar	ECF-2	MB	235.28
Caterpillar	ECF-3	MTU	Type 2.1
Cummins	<b>CES 20081</b>	MTU	<b>Type 3.1</b>
DAF	Extended Drain	Mack	<b>EO-O Premium Plus</b>
Detroit Diesel	93K218	Renault	RGD
Deutz	<b>DQC IV-10 LA</b>	Renault	<b>RLD-3</b>
Iveco	18-1804 TLS E9	Scania	LA (Low Ash)
JASO	DH-2	Voith	Class B Retarder Oil
Liebherr	LH-00-ENG LA	Volvo	CNG
Liebherr	LH-00-ENG3A LA	Volvo	<b>VDS-4</b>
MAN	M 3271-1		

Color code blue = officially approved

## Properties

	<i>Method</i>	<i>Unit</i>	<i>Typical</i>
Density, 15 °C	D 4052	g/ml	0,863
Viscosity Grade	-	-	SAE 10W-40
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	90.5
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /s	13.5
Viscosity Index	D 2270	-	150
Total Base Number	D 2896	mg KOH/g	10.0
Pour Point	D 97	°C	-39
Flash Point, P-M	D 93	°C	226
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.

## Remarks

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