

## 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 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. 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 / Approvals

ACEA	E11	JASO	DH-2
ACEA	E6	Liebherr	LH-00-ENG LA
ACEA	E7	Liebherr	LH-00-ENG3A LA
ACEA	E8	Liebherr	LH-00-ENG5C LA
ACEA	E9	MAN	M 3271-1
API	CK-4	MAN	M 3277
API	SN	MAN	M 3477
Caterpillar	ECF-2	MAN	M 3775 *
Caterpillar	ECF-3	MB	226.9
Cummins	<b>CES 20081</b>	MB	235.28 (DTFR 13D110)
Cummins	CES 20086	MTU	Type 2.1
DAF	Extended Drain	MTU	<b>Type 3.1</b>
Daimler Truck AG	<b>DTFR 15C100 (MB 228.31)</b>	Mack	<b>EO-O Premium Plus</b>
Daimler Truck AG	<b>DTFR 15C110 (MB 228.51)</b>	Mack	<b>EO-S 4.5</b>
Daimler Truck AG	DTFR 15C120 (MB 228.52) *	Renault	RGD
Detroit Diesel	DFS 93K218	Renault	<b>RLD-3</b>
Deutz	<b>DQC IV-10 LA</b>	Scania	LA (Low Ash)
Deutz	DQC IV-18 LA	Volvo	CNG
Iveco	18-1804 TLS E6	Volvo	<b>VDS-4</b>
Iveco	18-1804 TLS E9	Volvo	<b>VDS-4.5</b>

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-40
Kinematic Viscosity, 40 °C	D 445	mm²/s	102.7
Kinematic Viscosity, 100 °C	D 445	mm²/s	14.8
Viscosity Index	D 2270	-	150
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

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.

## Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Formula Truck 8500 10W-40 is **1.38** kg CO<sub>2</sub>eq / kg.

Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.

To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.

For more info check [here](#)



**we  
take  
care**

PRODUCT CARBON FOOTPRINT  
METHOD VALIDATED BY:

PCF CALCULATION IN LINE WITH:  
ISO 14067 | ATIEL-UEIL PCF

