

## 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 and 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
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	EO-S 4.5
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	VDS-4.5 *

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.