

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

Color code blue = officially approved

Properties

	Method	Unit	Typical
Density, 20 °C	D 4052	g/ml	0.868
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Viscosity Grade	-	-	SAE 10W-40
Kinematic Viscosity, 40 °C	D 445	mm ² /s	102.7
Kinematic Viscosity, 100 °C	D 445	mm ² /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.