PRODUCT DATA SHEET

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	**MB**	226.9
ACEA	E7	**MB**	**228.31**
ACEA	E9	**MB**	**228.51**
API	CJ-4	**MB**	235.28 *
Caterpillar	ECF-2	**MTU**	Type 2.1
Caterpillar	ECF-3	**MTU**	**Type 3.1**
Cummins	**CES 20081**	**Mack**	**EO-O Premium Plus**
DAF	Extended Drain	**Renault**	RGD
Detroit Diesel	93K218	**Renault**	**RLD-3**
Deutz	**DQC IV-10 LA**	**Renault**	RXD
Iveco	18-1804 TLS E9	**SDMO - Kohler**	KD engine series K135 & K175 *
JASO	DH-2	**Scania**	**LA (Low Ash)**
Liebherr	LH-00-ENG LA	**Tedom**	**258-5**
Liebherr	LH-00-ENG3A LA	**Voith**	Class B Retarder Oil *
MAN	M 3271-1	**Volvo**	CNG
MAN	M 3477	**Volvo**	**VDS-4**

Color code blue = officially approved

** Pending approval*

Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0,863
Viscosity Grade	-	-	SAE 10W-40
Kinematic Viscosity, 40 °C	D 445	mm²/s	90.5
Kinematic Viscosity, 100 °C	D 445	mm²/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.