PRODUCT DATA SHEET

Q8 Formula Truck 8600 10W-40

Synthetic UHPD engine oil for ACEA E4/E6/E7/E9

Description

The Q8 Formula Truck 8600 10W-40 is a superior ultra high performance low SAPS heavy-duty engine oil. This product offers exceptional protection against engine wear, specifically against cam wear. It meets ACEA E6 specification along with specifications of various leading European OEM's such as Mercedes-Benz, MAN, Scania and Volvo.

Applications

Q8 Formula Truck 8600 10W-40 is developed for heavy-duty vehicles requiring the ACEA E4 / 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 IVECO, Scania, MAN, Mercedes-Benz, Cummins, Volvo, MTU or Caterpillar. Q8 Formula Truck 8600 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 8600 10W-40 is not VDS-5 approved.

Benefits

- *Outstanding combustion chamber cleanliness due to low sulphated ash level.*
- *Superior bio-fuel compatibility.*
- *Superior catalytic after treatment system (SCR) protection.*
- *Superior protection against engine wear.*
- *Extreme drain interval capability.*

Specifications, recommendations and approvals

ACEA	E4	**MAN**	M 3271-1
ACEA	E6	**MAN**	M 3477
ACEA	E7	**MAN**	M 3575
ACEA	E9	**MB**	226.9
API	CJ-4	**MB**	228.31
Caterpillar	ECF-2	**MB**	228.51
Caterpillar	ECF-3	**MB**	235.28
Cummins	CES 20081	**MTU**	Type 3.1 *
Detroit Diesel	93K218	**Mack**	EO-O Premium Plus *
Deutz	DQC IV-10 LA	**Renault**	RGD
Iveco	18-1804 TLS E6	**Renault**	RLD-3 *
Iveco	18-1804 TLS E9	**Renault**	RXD
Iveco	18-1809 NG2	**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**	VDS-3
Liebherr	LH-00-ENG5C LA	**Volvo**	VDS-4 *

Color code blue = officially approved

** Pending approval*

Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0,859
Viscosity Grade	-	-	SAE 10W-40
Kinematic Viscosity, 40 °C	D 445	mm^2/s	89.7
Kinematic Viscosity, 100 °C	D 445	mm^2/s	13.6
Viscosity Index	D 2270	-	153
Total Base Number	D 2896	mg KOH/g	13.3
Pour Point	D 97	°C	-33
Flash Point, P-M	D 93	°C	226
Sulfated Ash	D 874	% mass	1.0
Borderline Pumping Temperature	D 3829	°C	-30

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.