PRODUCT DATA SHEET

Q8 Formula Truck 6900 FE 5W-30

Synthetic diesel engine oil for commercial vehicles ACEA E4 and TBN 16

Description

Q8 Formula Truck 6900 FE 5W-30 is an excellent synthetic diesel engine oil specially developed for ACEA E4 and TBN 16 commercial vehicles . Its outstanding technology offers an enhanced fuel economy capability. The viscosity results in a quicker cold-start without compromising on protection and durability of the engine. Q8 Formula Truck 6900 FE 5W-30 meets the long oil drain requirements of Mercedes-Benz, Scania, MAN, Volvo, MTU, Deutz and DAF.

Applications

Q8 Formula Truck 6900 FE 5W-30 is used for high performance Euro IV/V diesel engines that operate with extended engine oil drain intervals. It meets the long drain requirements of leading engine manufacturers such as Mercedes-Benz, Volvo, Scania, MAN, DAF and other manufacturers that allow operators to optimize maintenance scheduling and maximize equipment availability.

Benefits

- *Excellent engine cleanliness.*
- *Improved fuel economy.*
- *Excellent protection against piston rings deposits.*
- *Excellent engine protection after cold start.*
- *Outstanding bio-fuel compatibility.*

Specifications, recommendations and approvals

ACEA	E4	**MB**	235.27
ACEA	E7	**MTU**	Type 3
Cummins	CES 20077	**Mack**	EO-N *
DAF	HP1	**Renault**	RLD
DAF	HP2	**Renault**	RLD-2 *
Deutz	DQC IV-18	**Renault**	RXD
Iveco	18-1804 TFE	**Scania**	LDF-3 *
Liebherr	LH-00-ENG	**Voith**	Class A Retarder Oil
MAN	M 3277 *	**Volvo**	VDS-3 *
MB	228.5 *		

** Pending approval*

Properties

	Method	*Unit*	*Typical*
Density, 20 °C	*D 4052*	*g/ml*	*0.855*
Density, 15 °C	*D 4052*	*g/ml*	*0,858*
Viscosity Grade	*-*	*-*	*5W-30*
Kinematic Viscosity, 40 °C	*D 445*	*mm²/s*	*71,6*
Kinematic Viscosity, 100 °C	*D 445*	*mm²/s*	*12.1*
Viscosity Index	*D 2270*	*-*	*160*
Borderline Pumping Temperature	*D 3829*	*°C*	
Pour Point	*D 97*	*°C*	*-48*
Flash Point, COC	*D 92*	*°C*	*238*
Viscosity at high temp. & high shear rate (HTHS)	*CEC-L-36-A-90*	*mPa.s*	*3.5*
Sulfated Ash	*D 874*	*% mass*	*1.8*
Total Base Number	*D 2896*	*mg KOH/g*	*16*

The figures above are not a specification. They are typical figures obtained within production tolerances.