PRODUCT DATA SHEET

Q8 Formula Truck 7000 15W-40

Synthetic ACEA E9 and API CK-4 heavy-duty engine oil

Description

Q8 Formula Truck 7000 15W-40 is a superior low SAPS heavy-duty engine oil. This product provides exceptional wear and corrosion protection for all engine parts and prevents combustion soot. Prolonged drain intervals can be applied. It is developed for bio-fuel compatibility and meets the ACEA E9 and API CK-4 specifications.

Applications

Q8 Formula Truck 7000 15W-40 is designed for on- and off-highway heavy-duty vehicles requiring a low SAPS engine oil. It can be used in Euro IV, Euro V and Euro VI diesel engines with aftertreatment systems. Extended drain intervals can be applied. It is designed for Volvo VDS-4.5 and meets the ACEA E9 and API CK-4 specifications. Q8 Formula Truck 7000 15W-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 7000 15W-40 is not VDS-5 approved.

Benefits

- *Outstanding combustion chamber cleanliness due to low sulphated ash level.*
- *Superior protection against engine wear.*
- *Superior protection against piston rings deposits.*
- *Exceptional engine protection after cold start.*
- *Exceptional diesel particulate filter (DPF/CRT) plugging minimalisation.*

Specifications, recommendations and approvals

ACEA	E9	**MAN**	M 3271-1
API	**CK-4**	**MAN**	M 3575
Allison	TES-439	**MAN**	M 3775
Case New Holland	MAT 3571	**MB**	226.9
Caterpillar	ECF-2	**MB**	**228.31**
Caterpillar	ECF-3	**MTU**	Type 2.1
Cummins	**CES 20086**	**Mack**	**EO-S 4.5**
Detroit Diesel	93K218	**Renault**	RGD
Detroit Diesel	93K222	**Renault**	**RLD-3**
Deutz	DQC III-10 LA	**Renault**	RLD-4
Deutz	DQC III-18 LA	**Tata**	
Ford	M2C 171-F1	**UD Trucks**	
Hino		**Volvo**	CNG
Isuzu		**Volvo**	**VDS-4.5**
JASO	DH-2		

Color code blue = officially approved

Properties

	Method	*Unit*	*Typical*
Density, 15 °C	*D 4052*	*g/ml*	*0,874*
Viscosity Grade	*-*	*-*	*SAE 15W-40*
Kinematic Viscosity, 40 °C	*D 445*	*mm²/s*	*113*
Kinematic Viscosity, 100 °C	*D 445*	*mm²/s*	*15.0*
Viscosity Index	*D 2270*	*-*	*139*
Total Base Number	*D 2896*	*mg KOH/g*	*10*
Pour Point	*D 97*	*°C*	*-30*
Flash Point, COC	*D 92*	*°C*	*226*
Sulfated Ash	*D 874*	*% mass*	*1.0*
Borderline Pumping Temperature	*D 3829*	*°C*	*-28*

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