PRODUCT DATA SHEET

Q8 Mozart SHPD 15W-40

High performance four stroke diesel engine and generator lubricant.

Description

Q8 Mozart SHPD is a high performance 4-stroke diesel engine lubricant for engines operating on low sulphur diesel fuel. The lubricant is suitable for severe heavy-duty conditions and extended oil drain intervals. Approach based on the circular economy consists of integrating environmental aspects from the R&D design of Q8Oils. This approach integrates the complete life cycle analysis (LCA) of lubricants and services, makes it possible to adopt a more sustainable production process, limit pollution, save energy and raw materials, thus reducing the pressure on the environment and greenhouse gas (GHG) emissions. Finally, Q8 Mozart SHPD 15W-40 helps reduce the environmental impact while reducing the maintenance costs of diesel generator sets with concrete and reliable solutions.

Applications

For all diesel engines and generators, used in extremely severe conditions. Diesel engines can be naturally aspirated, turbocharged or supercharged, with or without intercooling. Q8 Mozart SHPD 15W-40 allows an increase in the life cycle of the oil reducing the number of oil changes, lowers the number of visits by maintenance teams, reduces the standstill hours - when continuous operation is required , reduces the number of deliveries to sites, reduces the consumption of associated consumables (filters , joints, etc.), lowers maintenance costs whilst ensuring trouble free operation.

Features	Benefits
Lower operational costs	*Extended oil life due to outstanding viscosity control in combination with excellent base number retention over long period of time*
Engine cleanliness	*Excellent clean engine technology that minimizes deposit and sludge build-up throughout the engine*
Enhanced technology	*Developed with outstanding quality base oils and excellent additive technology, giving excellent oxidation- and thermal stability over prolonged periods of time*

Specifications & Approvals

ACEA	E7	**Lister Petter**	
API	CF	**Lutian Machinery**	
API	CI-4	**MAN**	M 3275-1
API	SL	**MB**	228.3 (DTFR 15B110)
Baudouin		**MTU**	Type 2
Caterpillar	ECF-1a	**Mack**	EO-N
Caterpillar	ECF-2	**Perkins Engines**	
Changchai		**Poyaud**	
Cummins	CES 20078	**Renault**	RLD-2
DAF		**Rolls Royce**	
Deutz	DQC III-10	**SCANIA Industrial & Marine Engines**	
Doosan Infracore		**SDMO - Kohler**	KD engine series K135 & K175
ENGINEme		**Tedom**	258-3
FPT Industrial		**VM Motori**	
Global	DHD-1	**Volvo**	VDS-3
Hyundai Heavy Industries-Marine Engine		**Volvo Penta**	
Iveco		**Yanmar Europe**	
JOHN DEERE POWER SYSTEMS		**ZF**	TE-ML 07C

Properties

	Method	*Unit*	*Typical*
Density, 20 ˚C	*D 4052*	*g/ml*	*0,873*
Viscosity Grade	*-*	*-*	*SAE 15W-40*
Kinematic Viscosity, 40 ˚C	*D 445*	*mm²/s*	*102.7*
Kinematic Viscosity, 100 ˚C	*D 445*	*mm²/s*	*14.1*
Viscosity Index	*D 2270*	*-*	*138*
Total Base Number	*D 2896*	*mg KOH/g*	*10.5*
Pour Point	*D 97*	*˚C*	*-36*
Flash Point, P-M	*D 93*	*˚C*	*230*
Sulfated Ash	*D 874*	*% mass*	*1.5*
Borderline Pumping Temperature	*D 3829*	*˚C*	*-25*

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

Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Mozart SHPD 15W-40 is ***1.47*** *kg CO_2eq / kg.*
Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.
To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.
For more info check here

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