

## 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

#### Lower operational costs

### Benefits

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	mm <sup>2</sup> /s	102.7
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /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<sub>2</sub>eq / 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](#)

