

Q8 Mahler R SAE 40

High performance stationary gas engine oil

Description

Q8 Mahler R is a high performance synthetic (hydrocracked) gas engine oil. This product is designed as part of the Q8Oils clean technology program, which benefits from in-house developments and customized solutions.

Q8 Mahler R meet the challenges of the latest generation (steel piston, high output and low emission) engines, ensuring clean engines in combination with extended drain performance.

Applications

Engine

Lean-burn and stoichiometric four-stroke stationary gas engines, including high BMEP type.

Operations

Mild to severe conditions, including high pressure, high load and high temperature operations.

Gas type

Natural gas, also suitably for special gases requiring a low ash gas engine oil.

Features

Enhanced technology

Benefits

Long oil life due to outstanding oxidative and thermal stability even at high temperatures

Engine performance

Outstanding resistance against pre-ignition and knocking ensuring high engine efficiency

Extended drain

Excellent alkalinity reserve maintains engine performance and durability while extending oil drain interval

Specifications & Approvals

Rolls-Royce Bergen

K series

Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0,858
Viscosity Grade	-	-	SAE 40
Kinematic Viscosity, 40 °C	D 445	mm ² /s	87.1
Kinematic Viscosity, 100 °C	D 445	mm ² /s	12.7
Viscosity Index	D 2270	-	143
Total Base Number	D 2896	mg KOH/g	7.0
Flash Point, COC	D 92	°C	245
Sulfated Ash	D 874	% mass	0.55
Copper Strip, 3 h, 100 °C	D 130	-	1

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

Remarks

The original manufacturers recommendation should be followed.

Sustainability

The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 Mahler R SAE 40 is **1.32** kg CO₂eq / 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](#)



**we
take
care**

PRODUCT CARBON FOOTPRINT
METHOD VALIDATED BY:

PCF CALCULATION IN LINE WITH:
ISO 14067 | ATIEL-UEIL PCF

