

Q8 Mahler G8 SAE 40

High performance stationary gas engine oil

Description

Q8 Mahler G8 is a high performance gas engine oil, based on premium Group II (hydrotreated) base fluid. This product is designed as part of the "Q8Oils clean technology" program, which benefits from in-house developments and customized solutions.

Q8 Mahler G series products 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

Wide variety of gases, including natural gas, biogas, landfill gas, sewage gas, mine gas and wood gas. Exceptional performance in applications using gas with high H₂S content.

Features

Benefits

Own product development

In-house developed outstanding additive package in combination with a carefully chosen Group II base oil

Extended drain

Excellent balanced gas engine oil, providing outstanding engine cleanliness, low oil consumption with outstanding protection for the cylinder head valves and valve seats, significantly reducing the total operational costs

Engine performance

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

Specifications & Approvals

Caterpillar Energy Solutions	CG132, CG170, CG260	INNIO Jenbacher	TA 1000-1109, catalytic converter approved
Guascor Power	FGLD, SFGLD series	INNIO Jenbacher	TA 1000-1109, extended oil change interval
INNIO Jenbacher	TA 1000-1109, Type 2, 3 Series - Fuel class A, B, C	Liebherr	
INNIO Jenbacher	TA 1000-1109, Type 6 (C & E) - Fuel class A, B	MAN	M 3271-4 (Special gas)
INNIO Jenbacher	TA 1000-1109, Type 6 (F) - Fuel class A	MWM	0199-99-02105

Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0,877
Density, 20 °C	D 4052	g/ml	0,872
Viscosity Grade	-	-	SAE 40
Kinematic Viscosity, 40 °C	D 445	mm ² /s	118.0
Kinematic Viscosity, 100 °C	D 445	mm ² /s	13.2
Viscosity Index	D 2270	-	114
Total Base Number	D 2896	mg KOH/g	8.0
Pour Point	D 97	°C	-15
Flash Point, COC	D 92	°C	250
Sulfated Ash	D 874	% mass	0.80
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 G8 SAE 40 is **1.30** 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](#)



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