

## 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 H<sub>2</sub>S 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

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

### Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0,892
Viscosity Grade	-	-	SAE 40
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	118.0
Kinematic Viscosity, 100 °C	D 445	mm <sup>2</sup> /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.