

## Q8 Mahler S Oil 40

### Description

Q8 Mahler S Oil 40 is a high-performing synthetic (hydrocracked) oil for stationary gas engines. This medium-ash product is specifically developed for engines running under severe conditions in non-natural gas applications (biogas, sewage, landfill, woodgas, etc.). Q8 Mahler S Oil 40 provides an increased drain interval (by on average 80% longer). The special used oil limits for this product provide a reliable operation with an extended oil drain, reducing life cycle costs significantly.

### Applications

The high performance Jenbacher gas engine oil for non-natural gas

#### Features

##### Engine protection

#### Benefits

High-performing stationary gas engine oil with an excellent oxidation stability and first-rate acid neutralization abilities. Exceptional performance in operations with high H<sub>2</sub>S content gases.

##### Enhanced technology

The superior additive technology protects the combustion chamber from excessive deposit formation and provides an outstanding TBN-retention.

##### Extended drain

The latest additive technologies and premium hydrocracked base fluids provide maximal protection and engine cleanliness. This results in an extended drain interval and a significant reduction of the total operational costs.

### User instructions

Q8 Mahler S Oil 40 is approved for the whole range of Jenbacher non-natural gas engines Type 2, Type 3, Type 4 and Type 6. Jenbacher S Oil 40 is approved for extended used oil limits following the Technical Instruction TA 1000-0099B (Limit levels for used oil in INNIO Jenbacher gas engines).

For the latest approvals, check INNIO Jenbacher's technical instructions TA 1000-1109, which can also be found on [www.innio.com](http://www.innio.com).

### Specifications & Approvals

INNIO Jenbacher	TA 1000-1109, Type 2, 3 Series - Fuel class B, C	INNIO Jenbacher	TA 1000-1109, Type 6 (F & J) - Fuel class B, C
INNIO Jenbacher	TA 1000-1109, Type 4 (A & B) - Fuel class B, C	INNIO Jenbacher	TA 1000-1109, catalytic converter approved
INNIO Jenbacher	TA 1000-1109, Type 4 (C) - Fuel class B, C	INNIO Jenbacher	TA 1000-1109, extended oil change interval
INNIO Jenbacher	TA 1000-1109, Type 6 (C & E) - Fuel class B, C		

### Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0.862
Viscosity Grade	-	-	SAE 40
Kinematic Viscosity, 40 °C	D 445	mm <sup>2</sup> /s	90.0
Viscosity Index	D 2270	-	150
Total Base Number	D 2896	mg KOH/g	8.0
Pour Point	D 97	°C	- 18
Flash Point, COC	D 92	°C	258
Sulfated Ash	D 874	% mass	0.79
Copper Strip, 3 h, 100 °C	D 130	-	1

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