

Q8 Mahler HA SAE 40

Advanced stationary gas engine oil

Description

Q8 Mahler HA is an advanced gas engine oil, based on premium Group II (hydrotreated) base fluid.

This product is designed as part of the Q8Oils gas engine oil technology program, which benefits from in-house developments and customized solutions.

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

Extended drain

Benefits

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

Own product development

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

Enhanced technology

High lubricity properties providing low wear of engine components, significantly reducing maintenance costs

Specifications & Approvals

Caterpillar Energy Solutions	CG132, CG170, CG260	MAN	M 3271-4 (Special gas)
INNIO Jenbacher	TA 1000-1109, Type 2, 3 Series - Fuel class B, C	MTU Onsite Energy	400 series
INNIO Waukesha	12-1880	MWM	0199-99-02105
Liebherr		Tedom	61-0-0281

Properties

	Method	Unit	Typical
Density, 15 °C	D 4052	g/ml	0,876
Density, 20 °C	D 4052	g/ml	0,873
Viscosity Grade	-	-	SAE 40
Kinematic Viscosity, 40 °C	D 445	mm ² /s	117.4
Kinematic Viscosity, 100 °C	D 445	mm ² /s	13.18
Viscosity Index	D 2270	-	107
Total Base Number	D 2896	mg KOH/g	7.9
Pour Point	D 97	°C	-12
Flash Point, P-M	D 93	°C	254
Sulfated Ash	D 874	% mass	0.9
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 HA SAE 40 is **1.28** 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

