PRODUCT DATA SHEET

Q8 Mahler MA SAE 40

Advanced stationary gas engine oil

Description

Q8 Mahler MA 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 Natural gas, also suitably for special gases requiring a low ash gas engine oil.

Features	Benefits
Extended drain	*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	**MTU Onsite Energy**	400 series
Deutz	0199-99-01213	**MWM**	0199-99-02105
INNIO Waukesha	12-1880	**Perkins**	4006, 4008 series
MAN	M 3271-2 (Natural gas)		

Properties

	Method	Unit	Typical
Density, 15 °C	*D 4052*	*g/ml*	*0,891*
Viscosity Grade	*-*	*-*	*SAE 40*
Kinematic Viscosity, 40 °C	*D 445*	*mm²/s*	*115.8*
Kinematic Viscosity, 100 °C	*D 445*	*mm²/s*	*13.05*
Viscosity Index	*D 2270*	*-*	*107*
Total Base Number	*D 2896*	*mg KOH/g*	*5.5*
Pour Point	*ASTM D 5950*	*°C*	*-21*
Flash Point, P-M	*D 93*	*°C*	*254*
Sulfated Ash	*D 874*	*% mass*	*0.5*
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 MA SAE 40 is **1.27** kg CO_2eq / 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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