

Q8 Mahler GR8

SAE 40

Description

High performance stationary gas engine oil, based on premium hydrocracked base oil (synthetic base oil)

Application

- Synthetic based gas engine oil for stationary gas engines operating at mild to severe conditions.

Specifications

- Officially approved by:
 - Caterpillar Energy Solutions (MWM engines)
 - GE Jenbacher TI 1000-1109, for 2 and 3 series engines operating on fuel class A (natural gas), class B (biogas) & C (landfill gas) including catalyst.
 - GE Jenbacher TI 1000-1109, for 6 series (up to E, Aluminium pistons) engines operating on fuel class A (natural gas) & class B (biogas) including catalyst.
 - GE Jenbacher TI 1000-1109, for 6 series engines operating on fuel class A (natural gas), including 6F and 6H (steel piston engines) including catalyst.
- TEDOM
- Exceeds the requirements of a wide range of equipment manufacturers and is recommended for use in:
 - Rolls-Royce Bergen, GE Waukesha, Deutz, Guascor Power, MAN Truck & Bus, MTU Onsite Energy, Perkins, Liebherr, 2G and Cummins

Benefits

- Highly extended service life due to high oxidation resistance synthetic based formulation
- Very low deposit tendency
- Solid acid neutralizing capacities
- Enhanced lubricity properties giving improved engine wearprotection
- Enhanced solubility properties giving improved resistance to sludge formation
- Enhanced resistance against pre-ignition
- Enhanced detergency secures clean engine components
- Enhanced cooling properties due to optimized viscometrics of the oil
- Excellent resistance against nitration
- Protects against valve seat recession
- Protects against rust and corrosion
- Easier starting, especially if the engine is cold due excellent fluidity properties at low temperatures

Properties	Method	Unit	Typical
Viscosity Grade			SAE 40
Absolute Density, 15 °C	D 1298	kg/m ³	858
Kinematic Viscosity, 40 °C	D 445	mm ² /s	88.2
Kinematic Viscosity, 100 °C	D 445	mm ² /s	13.1
Viscosity Index	D 2270	-	148
Sulfated Ash	D 874	% mass	0.8
Flash Point, COC	D 92	°C	254
Pour Point	D 97	°C	-18
Total Base Number	D 2896	mg KOH/g	8.0
Copper corrosion	D 130	classification	1

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

