Q8 Mahler GR5 SAE 40

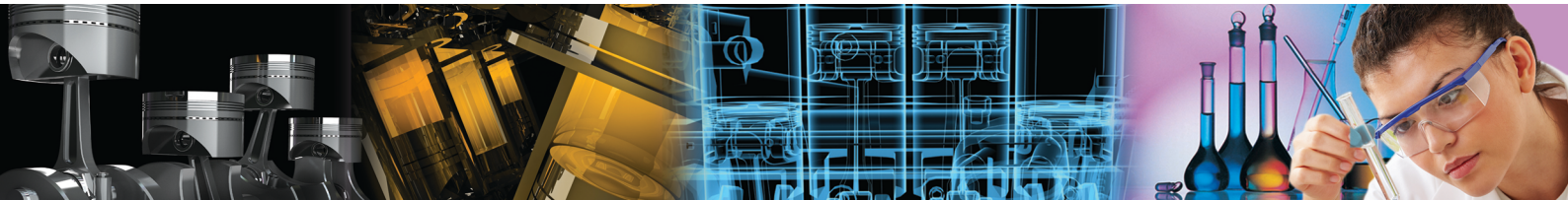
Description
High performance stationary gas engine oil, based on premium hydrocracked base oil (synthetic base oil)

Application
- Synthetic based gas engine oil for stationary gas engines operating at mild to severe conditions.
- Increased demands for lower emissions and higher efficiency in today's gas engines require more oxidation stable engine oils, capable of controlling liner cleanliness and oil consumption at increased liner and piston ring temperatures. Q8 Mahler GR5 has been specifically developed to satisfy these needs.

Specifications
- Officially approved by:
- Rolls-Royce Bergen, B-series engines
- GE Jenbacher Type 6 Version E, F, G and H, Type 4 Version A and B, Type 2 and 3.
- TEDOM

- Exceeds the requirements of a wide range of equipment manufacturers and is recommended for use in:
- Rolls-Royce Bergen, GE Waukesha, GE Jenbacher, Caterpillar Energy Solutions (CAT and MWM engines), 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/m³	861
Kinematic Viscosity, 40 °C	D 445	mm²/s	88.7
Kinematic Viscosity, 100 °C	D 445	mm²/s	13.2
Viscosity Index	D 2270	-	151
Sulfated Ash	D 874	% mass	0.5
Flash Point, COC	D 92	°C	258
Pour Point	D 97	°C	-18
Total Base Number	D 2896	mg KOH/g	6.0
Copper corrosion	D 130	classification	1

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