

Q8 Mahler CP5 SAE 40

Description

Medium ash gas engine oil

Application

- Gas engine oil for application with natural gas, operating at mild to severe conditions.
- Q8 Mahler CP was specifically developed with a low deposit tendency and a high resistance against pre-ignition or knocking.
- Q8 Mahler CP is specifically designed for high pressure gas engines (BMEP: 22 Bar or above), but is also suitable for gas engines with a lower BMEP.
- Q8 Mahler CP can also be used to lubricate reciprocating compressors in which natural gas is compressed and pressures do not exceed 10.000 kPa. Using Q8 Mahler CP in both the gas engine and the gas compressor will simplify the lubricant inventory.

Recommendations

- Recommended for Caterpillar 3500 series engines

Benefits

- Low deposit tendency
- Good resistance against pre-ignition
- Long service life due to a high oxidation resistance
- Good detergency secures clean engine components
- Good resistance against nitration
- Protects against valve seat recession
- Good acid neutralising capacities
- Protects against rust and corrosion

Properties	Method	Unit	Typical
Viscosity Grade			SAE 40
Absolute Density, 15 °C	D 1298	kg/m ³	889
Kinematic Viscosity, 40 °C	D 445	mm ² /s	117
Kinematic Viscosity, 100 °C	D 445	mm ² /s	13.1
Viscosity Index	D 2270	-	106
Sulfated Ash	D 874	% mass	0.5
Flash Point, P-M	D 93	°C	252
Pour Point	D 97	°C	-12
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.

