

Q8 Mahler G5 SAE 40

High performance stationary gas engine oil

Description

Q8 Mahler G5 is a high performance gas engine oil, based on premium Group II (hydrotreated) base fluid. This product is designed as part of the Q8Oils clean technology program, which benefits from in-house developments and customized solutions. Q8 Mahler G series products meet the challenges of the latest generation (steel piston, high output and low emission) engines, ensuring clean engines in combination with extended drain performance.

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

Own product development

Benefits

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

Extended drain

Excellent balanced gas engine oil, providing outstanding engine cleanliness, low oil consumption with outstanding protection for the cylinder head valves and valve seats, significantly reducing the total operational costs

Engine performance

Outstanding resistance against pre-ignition and knocking ensuring high engine efficiency

Specifications & Approvals

| | | | |
|-------------------------------------|---|------------------------|---|
| Caterpillar Energy Solutions | CG132, CG170, CG260 | INNIO Jenbacher | TA 1000-1109, Type 6 (C & E) - Fuel class A, B, C |
| Deutz | 0199-99-01213 | INNIO Jenbacher | TA 1000-1109, Type 6 (F) - Fuel class A |
| INNIO Jenbacher | TA 1000-1109, Type 2, 3 Series - Fuel class A, B, C | INNIO Jenbacher | TA 1000-1109, catalytic converter approved |
| INNIO Jenbacher | TA 1000-1109, Type 4 (A & B) - Fuel class A, B, C | Liebherr | |
| INNIO Jenbacher | TA 1000-1109, Type 4 (C) - Fuel class A, B, C | MWM | 0199-99-02105 |

Properties

| | Method | Unit | Typical |
|-----------------------------|--------|--------------------|---------|
| Density, 15 °C | D 4052 | g/ml | 0,889 |
| Viscosity Grade | - | - | SAE 40 |
| 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 |
| Total Base Number | D 2896 | mg KOH/g | 6.0 |
| Pour Point | D 97 | °C | -12 |
| Flash Point, COC | D 92 | °C | 250 |
| 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.