

Q8 Mahler HA SAE 40

Advanced stationary gas engine oil

Description

Q8 Mahler HA 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 Wide variety of gases, including natural gas, biogas, landfill gas, sewage gas, mine gas and wood gas. Exceptional performance in applications using gas with high H₂S content.

Features

Extended drain

Own product development

Enhanced technology

Benefits

Advanced alkalinity reserve maintains engine performance and durability while extending oil drain interval

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

High lubricity properties providing low wear of engine components, significantly reducing maintenance costs

Specifications & Approvals

| | | | |
|-------------------------------------|--|--------------------------|------------------------|
| Caterpillar Energy Solutions | CG132, CG170, CG260 | MAN | M 3271-4 (Special gas) |
| INNIO Jenbacher | TA 1000-1109, Type 2, 3 Series - Fuel class B, C | MTU Onsite Energy | 400 series |
| INNIO Waukesha | 12-1880 | MWM | 0199-99-02105 |
| Liebherr | | Tedom | 61-0-0281 |

Properties

| | Method | Unit | Typical |
|-----------------------------|--------|--------------------|---------|
| Density, 15 °C | D 4052 | g/ml | 0,892 |
| Viscosity Grade | - | - | SAE 40 |
| Kinematic Viscosity, 40 °C | D 445 | mm ² /s | 117.4 |
| Kinematic Viscosity, 100 °C | D 445 | mm ² /s | 13.18 |
| Viscosity Index | D 2270 | - | 107 |
| Total Base Number | D 2896 | mg KOH/g | 7.9 |
| Pour Point | D 97 | °C | -12 |
| Flash Point, P-M | D 93 | °C | 254 |
| Sulfated Ash | D 874 | % mass | 0.9 |
| 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.