



Q8 Mahler GR5

Customer requirements:

- Extended drain interval
- Low deposit tendency
- Clean engine

Customer: Vinderup VARMEVÆRK, Denmark
Engine: GE Jenbacher 620, version F, steel pistons
Gas: Biogas

Q8Oils solution:

Q8 Mahler GR5 is high performance gas engine oil based on Group III base oil. This oil was specifically developed with outstanding oxidation stability and the ability to control piston/liner cleanliness at increased piston ring temperatures. A 10.000 hr. trial was done at Vinderup VARMEVÆRK. With Q8 Mahler GR5 the customer achieved +4.000 hr oil life with no filter changes during this period. The engine condition after 10.000 hr was excellent. In the same engine with equivalent gas quality and operating conditions the customer achieved 1.500 hr oil life with filter changes every 500 hr. using Mobil Pegasus 705. The TBN retention results are shown in the graph below.

Results:

+150%

Increase in drain interval

+200%

Increase in filter lifetime

The customer was able to reduce costs and improve operations.

All customer demands were met.

