

Product Information:

GEO PLUS MA 40

High Performance Gas Engine Oil



Description:

Morris GEO Plus MA 40 is a premium high performance, medium ash gas engine oil formulated to lubricate high-output, 4-cycle natural gas engines operating on special gases such as landfill and Bio digestion. The product has specially been developed for use in environments where the gas feed is at its harshest including high levels of H₂S.

Morris GEO Plus MA 40 has been developed and formulated to provide outstanding deposit, wear, base retention, oxidation and nitration control. The patented additive has a proven ability to combat the effects of Siloxane combustion products. Through a combination of field trials and HFRR laboratory testing, samples taken in the field have shown exceptionally low wear rates even with Silicon levels far in excess of typical operating limits.

Features:

- After-treatment device safe.
- Zinc free.
- Proven engine performance fueled by Land Fill and Biogas.
- Low oil consumption.
- Enhanced corrosion protection.
- Enhanced wear protection.

Recommendations:

Caterpillar

GE Jenbacher TI 1000-1109: Type 2/3/4A-B/6C-E Gas Class C (Pending trial completion)

MTU L62

Perkins 4000 series

Cummins QSV91

Siemens

MWM

Morris recommendations are derived from engine trials on multiple engines and locations using a variety of gases. The listing is not exhaustive, therefore please contact your local representative for further information on specific models.

Physical Characteristics:

| | |
|--------------------------------------|--------|
| Density at 15°C (g/cm ³) | 0.88 |
| Viscosity @ 100°C (cSt) | 13.83 |
| Viscosity @ 40°C (cSt) | 123.6 |
| Viscosity Index | 109 |
| Flash Point PMCC (°C) | 162.5 |
| Pour Point (°C) | -18 |
| TBN (mgKOH/g) | 8.3 |
| Sulphated Ash (%wt) | 0.8% |
| Calcium (%wt) | 0.21 |
| Zinc (%wt) | <0.001 |

*Figures based on average production values

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