



Mobil Pegasus™ 605 Ultra 40

Mobil Industrial, United States

Gas Engine Oil

Product Description

Mobil Pegasus™ 605 Ultra 40 is the latest generation of gas engine oil primarily intended for the lubrication of modern medium and high-speed four-cycle engines operating on landfill gas that contains contaminants such as hydrogen sulphide, halides or siloxane. Its formulation has been carefully balanced to provide extended oil drain intervals, control the formation of carbon and varnish deposits, with very good anti-wear and anti-scuff performance.

Features and Benefits

- Exceptional oxidation stability, nitration resistance and thermal stability that help extend oil life, clean engines, reduce filter costs and resist deposit formation
- Very good anti-wear characteristics help to reduce wear of engine components, reduce scuffing of liners in highly loaded gas engines and provide break-in protection
- Extraordinary detergent-dispersant system provides protection of upper cylinder and valve train components, clean engines and long filter life
- Optimized TBN and reserve alkalinity help protect valve seats and faces on four-cycle engines, improve spark plug performance, and reduce power loss from detonation

Applications

- Engines operating on fuel containing corrosive materials such as TOHCl (Total Organic Halides as Chloride) such as landfill or biomass gas
- Gas engines operating on fuel that contains moderate levels of hydrogen sulfide (H₂S)

- Spark ignited four-cycle gas engines with very low lube oil consumption
- Medium and high speed four-cycle engines equipped with catalytic converters requiring a low ash gas engine oil
- Reciprocating compressors operating on natural gas that contains sulphur or chlorine compounds

Specifications and Approvals

Mobil Pegasus 605 Ultra 40 meets or exceeds the requirement of:
CATERPILLAR

Mobil Pegasus 605 Ultra 40 has the following builder approvals:
Waukesha- Landfill applications
MWM TR 0199-99-2105, Lube Oils for Gas Engines
GE JENBACHER TI 1000-1109 (Class B fuel gas, Series 2 & 3)
GE JENBACHER TI 1000-1109 (Class B fuel gas, Series 4A, 4B & 4C)
GE JENBACHER TI 1000-1109 (Class B fuel gas, Series 6 up to version E)
GE JENBACHER TI 1000-1109 (Class C fuel gas, Series 2 & 3)
GE JENBACHER T 1000-1109 (Class C fuel gas, Series 4A & 4B)
GE JENBACHER TI 1000-1109 (Class C fuel gas, Series 6 up to version E)
Caterpillar Energy Solutions TR 2105, Lube Oils for Gas Engines (CG132, CG170, CG260)

Typical Properties

Mobil Pegasus 605 Ultra 40	
SAE Grade	40
Viscosity, ASTM D 445	
cSt @ 40 °C	137.5
cSt @ 100 °C	15.0
Viscosity Index, ASTM D 2270	110
Sulphated Ash, wt%, ASTM D 874	0.6
TBN #, mg KOH/g, ASTM D 2896	5.3
Pour Point, °C, ASTM D 97	-21
Flash Point, °C, ASTM D 92	268
Density @ 15.6 °C, ASTM D 4052, kg/L	0.85

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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01-2018

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Typical Properties are typical of those obtained with normal production tolerance and do not constitute a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice. All products may not be available locally. For more information, contact your local ExxonMobil contact or visit www.exxonmobil.com

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