

Mobil Pegasus 805

Gas Engine Oil

Product Description

Mobil Pegasus 805 is premium performance gas engine oil engineered to meet the rigorous demands of today's high output four-cycle engines designed to reduce emissions and improve fuel-efficiency. These gas engines generally operate under high load and high temperature conditions. Mobil Pegasus 805 is made from high quality base stocks and an advanced technology additive system that provides exceptional oxidation stability, nitration resistance and thermal stability. Its detergent and dispersant system controls the formation of carbon deposits, lacquer and sludge resulting in cleaner engines, longer oil life and reduced filter costs.

Mobil Pegasus 805 is also designed to provide exceptional protection against piston scuffing, scoring and ring and liner wear. It exhibits excellent resistance to foaming, good demulsibility and protection against corrosion. It is formulated with very low levels of zinc and phosphorus making it compatible with engines equipped with catalytic converters.

Features and Benefits

Mobil Pegasus 805 is designed to provide optimum engine life and low maintenance costs. It meets a wide range of OEM requirements making it an excellent choice where high-speed four-cycle engines from various OEMs are used. Its unique innovative technology allows for control of valve train component wear and reduces the potential for scuffing, scoring and accelerated piston and ring wear.

| Features | Advantages and Potential Benefits |
|---|---|
| Exceptional Oxidation and Nitration Resistance | Cleaner engines Longer oil and filter service Improved engine performance |
| Outstanding Anti-wear and Anti-scuff protection | Reduced scoring, scuffing and wear of pistons and liners High level of protection in fully loaded engines Reduced maintenance costs |
| Advanced Technology Additive System | Excellent protection of valve train components Reduced levels of combustion chamber ash Improved spark plug life |
| Very Effective Corrosion Protection | Protects internal engine components from water, coolant and acidic materials Neutralizes acids formed from combustion or oil degradation |
| Excellent Detergent / Dispersancy Performance | Protects valve train components Reduces ash and carbon deposits in combustion chambers Improves spark plug life and performance Reduces filter replacement costs |

Applications

- Caterpillar, Superior, Waukesha and other turbocharged, naturally aspirated, medium to high speed four-cycle engines requiring a low ash oil
- Engines experiencing valve face and seat wear
- Lean-burn and stoichiometric four-cycle engines
- Engines equipped with catalytic converters
- Applications using alternate fuels containing low levels of sulfur or chlorine
- In field gathering operations where sour gas (low levels of H₂S) is used as fuel



Specifications and Approvals

Mobil Pegasus 805 is suitable for use in applications requiring oil meeting the following specifications:

CATERPILLAR - ACCEPTANCE

GE JENBACHER - TI 1000-1105 (Biogas, Series 2 & 3)

GE JENBACHER - TI 1000-0125 (Landfill, Series 2 & 3)

GE JENBACHER - TI 1000-1106

GE JENBACHER - TI 1000-1109 (Class A fuel gas, Series 2, 3, 4 & 6)

GE JENBACHER - TI 1000-1109 (Class B fuel gas, Series 4 & 6)

MAN B&W - D365600-1.35-1

MAN B&W - D6628 3.3.6-01

MWM GmbH - TR 0199-99-2105/7, Lube Oils for Gas Engines

MTU - MTU Oil Category 1 - SAE 40 for Gas Engines

PERKINS - GAS ENGINE OIL - NATURAL GAS

WARTSILA - 220SG

WARTSILA - 28SG

WARTSILA - 34SG

WARTSILA - 32DF

WAUKESHA - COGENERATION

Typical Properties

| Mobil Pegasus 805 | |
|--|------|
| SAE Grade | 40 |
| Viscosity, ASTM D 445 | |
| cSt @ 40° C | 130 |
| cSt @ 100° C | 13.5 |
| Viscosity Index, ASTM D 2270 | 99 |
| Sulfated Ash, wt%, ASTM D 874 | 0.54 |
| Foam Resistance, ASTM D 892 Seq I, Tendency/Stability, ml/ml | 0/0 |
| Total Base #, mg KOH/g, ASTM D 2896 | 6.2 |
| Pour Point, °C, ASTM D 97 | -12 |
| Flash Point, °C, ASTM D 92 | 262 |
| Specific Gravity 15.6° C/15.6° C, ASTM D 4052 | 0.89 |

Precautions

MOBIL PEGASUS 805 is manufactured from high quality petroleum base stocks, carefully blended with selected additives. As with all petroleum products, good personal hygiene and careful handling should always be practiced. Avoid prolonged contact to skin, splashing into the eyes, ingestion or vapour inhalation. Please refer to our Imperial Oil Material Safety Data Sheet for further information.

Note: This product is not controlled under Canadian WHMIS legislation.

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Due to continual product research and development, the information contained herein is subject to changes without notification. Additional important health and safety information on this product can be found in the Material Safety Data Sheet, which is available online at www.imperialoil.ca/mobil or by contacting Lubricants and Petroleum Specialties, Technical Services, Technical Help Desk: 1-800-268-3183

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