



Mobil Pegasus 905

Gas Engine Oil

Product Description

Mobil Pegasus 905 is an ultra-high performance gas engine oil engineered to meet the most rigorous demands of today's high output, low-emissions, fuel-efficient, four-cycle engines. These gas engines generally operate under high load and high temperature conditions subjecting the lubricant to extreme demands. Mobil Pegasus 905 uses the highest quality base stocks and an advanced additive technology resulting in exceptional oxidation stability, nitration resistance and thermal stability. Mobil Pegasus 905 offers outstanding anti-wear characteristics and protection against valve face and seat recession. Its detergent and dispersant properties reduce the formation of carbon deposits, lacquer and sludge resulting in cleaner engines, longer oil life and reduced filter costs. Its excellent TBN and reserve alkalinity properties protect engine components from acidic materials that are formed during combustion or as the result of degradation.

Mobil Pegasus 905 is designed to provide exceptional protection against piston scuffing, scoring and ring and liner wear. It also exhibits excellent resistance to foaming, good demulsibility and high-level corrosion protection. It is formulated with low levels of zinc and phosphorus making it compatible with engines equipped with catalytic converters.

Features and Benefits

Mobil Pegasus 905 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. The end result is lower costs of operating and maintaining your gas engines.

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
Very Good Foam Separation	Reduces potential negative effects of air on wear and oil degradation

Applications

- Caterpillar, Superior, Waukesha and other turbocharged, naturally aspirated, medium to high speed four-cycle engines requiring a low ash oil

- Four-cycle engines experiencing valve face and seat wear
- Lean-burn and stoichiometric four-cycle engines operating under high load, high temperature conditions
- High-speed four-cycle gas engines used in cogeneration applications
- 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) may be used as fuel

Specifications and Approvals

Mobil Pegasus 905 meets or exceeds the requirements of:

API CF	X
CATERPILLAR	X

Mobil Pegasus 905 has the following builder approvals:

GE JENBACHER TI 1000-1106	X
MWM GmbH TR 0199-99-2105/7, Lube Oils for Gas Engines	X
WAUKESHA COGENERATION	X

Typical Properties

Mobil Pegasus 905

SAE Grade	40
Viscosity, ASTM D 445	
cSt @ 40° C	125
cSt @ 100° C	13.0
Viscosity Index, ASTM D 2270	97
Sulfated Ash, wt%, ASTM D 874	0.5
Pour Point, °C, ASTM D 97	-21
Flash Point, °C, ASTM D 92	247
API Gravity	29.3

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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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. ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil, or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

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