

Mobil Pegasus 801 - SAE 30

Gas Engine Oil

Product Description

Mobil Pegasus 801 - SAE 30 is a premium performance gas engine oil intended for the lubrication of all classes of gas engines operating at low, medium and high speeds where low ash or ashless oils are recommended. It provides outstanding engine cleanliness and performance by preventing the formation of carbon and ash deposits on pistons, in ring belt areas, on exhaust and intake ports, on valves and valve stems and in combustion chambers. Mobil Pegasus 801 - SAE 30 also reduces the potential for port carboning of two-cycle gas engines. It minimizes engine wear and protects valve faces, seats and guides of turbocharged, four-cycle engines. Mobil Pegasus 801 - SAE 30 provides exceptional protection against scuffing in demanding engine applications and also provides excellent protection against corrosion of internal engine components. Filter and oil life are extended and the high performance capability of the Mobil Pegasus 801 - SAE 30 can also extend the time between engine maintenance and overhaul periods.

The Mobil Pegasus 801 - SAE 30 is the latest generation of ashless detergent and anti-scuff gas engine oil formulated from highly refined base oils and an advanced technology additive system. It is engineered to provide a high level of chemical and thermal stability resulting in cleaner engines and higher engine performance. Mobil Pegasus 801 - SAE 30 provides exceptional cleanliness and optimum wear protection in the most severe applications, without the disadvantage of increased ash deposits.

Features & Benefits

Mobil Pegasus 801 - SAE 30 provides outstanding performance in both two- and four-cycle gas engines making it a good choice for all applications where ashless and low-ash oils are recommended. It's advanced additive system protects high BMEP engines against scuffing, scoring and wear particularly during critical break-in periods. The result is long engine life and low maintenance costs. Mobil Pegasus 801-30 has demonstrated outstanding performance over an exceptionally wide range of engines and operating conditions. Where mixed engines are in service Mobil Pegasus 801 - SAE 30 provides a single product which simplifies inventory and reduces the potential for product misapplication.

Features	Advantages and Potential Benefits
Outstanding Oxidation Stability	Longer engine and oil life Cleaner engines Extended filter life
Advanced Technology Very Low Ash Formulation	Lower levels of port carboning (two-cycle engines) Reduced valve and combustion chamber ash and carbon build-up Longer spark plug life
Outstanding Anti-wear and Anti-scuff Protection	Less engine wear Increased engine life Excellent break-in protection for high BMEP engines
Exceptional Nitration Resistance	Less engine sludging Improved filter life Reduced engine deposits
High Level Corrosion Protection	Protects engine components against corrosive wear Longer engine life and lower maintenance costs



Applications

- Mobil Pegasus 801 - SAE 30 is recommended for the lubrication of the crankcase, power cylinders, and compressor cylinders of spark-ignited, two- and four-cycle gas engines operating on clean fuel.
- Ideal for engines that drive generators for power production or gas compressors in gathering, transmission, storage, and distribution of natural gas.
- Ebulliently cooled gas engines
- Engines in remote locations which operate virtually unattended for long periods. In many cases, the engines are operated at, or in excess of full-rated output, while other applications are intermittent or stand-by service. Reliability, is therefore essential.
- Mobil Pegasus 801 - SAE 30 shows excellent results in multipurpose applications, particularly involving highly turbocharged engines requiring anti-scuff protection for cylinder liners and piston skirts.
- When natural or petroleum gas is being compressed and is dry and free of suspended liquids or corrosive components, the compressor cylinders usually are lubricated with the same oil as the engine crankcase. Mobil Pegasus 801 - SAE 30 has been successful in this service.

Specifications & Approvals

Mobil Pegasus 801 - SAE 30 has the following builder approvals:

Dresser Rand Category I, II and III

Mobil Pegasus 801 - SAE 30 recommended for use in applications requiring:

Ashless or low-ash gas engine oils

Outstanding anti-scuff protection

Wide range of mixed gas engine designs

Typical Properties

Mobil Pegasus 801 - SAE 30

SAE Grade	30
Viscosity, ASTM D 445	
cSt @ 40°C	85
cSt @ 100°C	10.0
Viscosity Index, ASTM D 2270	97
Sulfated Ash, wt%, ASTM D 874	0.13
Total Base #, mg KOH/g, ASTM D 2896	2.8
Pour Point, °C, ASTM D 97	-15
Flash Point, °C, ASTM D 92	238
Specific Gravity 15.6°C/15.6°C, ASTM D 1298	0.882





Health & 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.

The Mobil logotype, the Pegasus design and Delvac are trademarks of ExxonMobil Corporation, or one of its subsidiaries.

ExxonMobil Lubricants & Specialties

All products may not be available locally. For more information, contact your local sales office 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. Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.

© 2001 Exxon Mobil Corporation. All rights reserved.

