

Product Description

Mobil Pegasus 801 is a premium quality ashless gas engine oil intended for the lubrication of all classes of gas engine operating at low, medium and high speeds on natural gas. It is formulated from highly refined base oils and an advanced additive system to provide a high level of chemical and thermal stability. It provides outstanding engine cleanliness by preventing the formation of carbon and ash deposits in the combustion chamber. It minimises engine wear and curtails wear in valve seats of turbocharged, four-stroke cycle engines. Mobil Pegasus 801 provides superior protection against scuffing in demanding engine applications and protection against corrosion is excellent. Filter life and oil life are extended and, consequently, so is the time between normal overhaul periods.

Benefits

Mobil Pegasus 801 offers the following benefits:

- Extended engine life leading to reduced overhaul costs
- Outstanding anti-wear and anti-scuff properties
- Excellent resistance to oxidation and nitration
- Substantially reduced varnish, sludge and ash deposits resulting in minimum power losses and improved fuel economy
- Excellent thermal stability and reduced coking
- Outstanding spark plug life
- Effective lubrication at low starting temperatures and high operating temperatures
- Longer oil life and lower oil consumption

Application

Mobil Pegasus 801 is recommended for the lubrication of the crankcase, power-cylinders and compressor cylinders of all classes of spark-ignited two- and four-stroke-cycle natural gas-fuelled engines operating at low, medium and high speeds. Such engines drive gas compressors in gathering, transmitting, storing and distributing natural gas. Many of these installations are in remote locations and the engines operate virtually unattended for long periods. In many cases the engines are operated at, or in excess of, full rated output, while in other cases, the engines are in intermittent or standby service. Mobil Pegasus 801 is fully field proven in all these applications.

Mobil Pegasus 801 shows superior results when used as multipurpose oils, particularly in highly turbocharged engines requiring protection against scuffing of the cylinder liners. It may also be used for the lubrication of the compressor cylinders in natural or petroleum gas service, subject to builder approval.

Mobil Pegasus 801 is approved by :

- Ingersoll Rand - all service levels (Categories I, II, and III)
- Caterpillar
- Clark
- Cooper-Bessemer
- Mobil Pegasus 801 is approved for most gas-fueled engines manufactured by:
- Cooper Superior
- DeLaval Enterprise
- Waukesha

Health and Safety

Based on available toxicological information, it has been determined that this product poses no significant health risk when used and handled properly.

Details on handling, as well as health and safety information, can be found in the Material Safety Data Bulletin which can be obtained through Mobil Oil Company Ltd., by telephoning 01372 22 2000.

Typical physical characteristics are given in the table. These are intended as a guide to industry and are not necessarily manufacturing or marketing specifications.

Typical Characteristics

Mobil Pegasus 801	Test Method	
SAE Grade		40
Viscosity, cSt at 40°C	ASTM D445	132
Viscosity, cSt at 100°C	ASTM D445	13.2
Viscosity Index	ASTM D2270	97
Sulphated Ash, wt. %	ASTM D874	0.13
Total Base Number (TBN), mg KOH/g	ASTM D2896	2.6
Flash Point, °C	ASTM D92	218
Pour Point, °C	ASTM D97	-15

Due to continual product research and development, the information contained herein is subject to change without notice.

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