Mobil

Mobil SHC Pegasus™ 30

Mobil Industrial , Argentina

Synthetic Gas Engine Oil

Product Description

Mobil SHC Pegasus™ 30 is a new category of advanced technology natural gas engine oil designed to provide today's high output, low-emission four-cycle gas engines with the highest levels of protection. Mobil SHC Pegasus 30 uses a patented combination of high quality base stocks and advanced additive technology to deliver exceptional oxidation stability, nitration resistance and thermal stability. Its formulation has been carefully balanced to provide outstanding anti-wear characteristics and to control the formation of carbon and varnish deposits.

*Energy efficiency explained

The energy efficiency design is a trademark of Exxon Mobil Corporation. The fuel efficiency of Mobil SHC Pegasus 30 relates solely to the fluid performance when compared to ExxonMobil's standard SAE 40 natural gas engine oils. The technology used in Mobil SHC Pegasus 30 demonstrated up to a 1.5% increase in fuel efficiency when tested in standard natural gas engine applications under controlled conditions. The energy efficiency claim for this product is based on test performed in accordance with all applicable industry standards and protocols. Efficiency improvements will vary based on operating conditions.

Features and Benefits

Features	Advantages and Potential Benefits
Outstanding anti-wear characteristics	Help to protect heavily loaded valve train components, pistons, liners, bearings, and gear trains
Excellent detergent-dispersant system	Controls the formation of carbon and varnish deposits to minimize oil consumption and maintain engine cleanliness even during extend drain intervals
Exceptional oxidation stability, nitration resistance and thermal stability	Provides the opportunity to extend drain intervals by four to eight times that of conventional gas engine oils
Low volatility	Reduces oil consumption and reduces deposit formation

Applications

Turbocharged, naturally aspirated, medium to high speed four-cycle engines requiring a low ash oil

Lean-burn and stoichiometric four-cycle engines operating under high load, high temperature conditions

High-speed four-cycle gas engines used in cogeneration applications

Natural gas fuelled engines equipped with catalytic converters

Gas engines operating on fuel that contains low levels of H2S

Specifications and Approvals

This product has the following approvals:

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INNIO Waukesha Engine APG 1000 Applications Using Commercial Quality Natural Gas

Properties and Specifications

Property	
Grade	SAE 30
Density @ 15.6 C, g/cm3, ASTM D4052	0.842
Ash, Sulfated, mass%, ASTM D874	0.54
Flash Point, Cleveland Open Cup, °C, ASTM D92	260
Total Base Number, mgKOH/g, ASTM D2896	6.5
Viscosity Index, ASTM D2270	154
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	10.1
Pour Point, °C, ASTM D97	-54
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	60

Health and safety

Health and Safety recommendations for this product can be found on the Material Safety Data Sheet (MSDS) @ http://www.msds.exxonmobil.com/psims/psims.aspx

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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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