Mobil SHC Pegasus™ 40

Mobil Industrial , Norway

Synthetic Gas Engine Oil

Product Description

Mobil SHC Pegasus™ 40 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 40 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.

Features and 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 extended drain intervals
- Exceptional oxidation stability, nitration resistance and thermal stability provide 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 builder approvals:
Rolls-Royce Solutions Augsburg (former MTU Onsite Energy) Gas Engines Series 400 - all engines with natural gas and propane gas
MAN M 3271-2

Properties and Specifications

Property	
Grade	SAE 40
Ash, Sulfated, mass%, ASTM D874	0.56
Density @ 15.6 C, g/cm3, ASTM D4052	0.847
Flash Point, Cleveland Open Cup, °C, ASTM D92	210

Property	
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	13.7
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	82
Pour Point, °C, ASTM D97	-18
Total Base Number, mgKOH/g, ASTM D2896	5.6
Viscosity Index, ASTM D2270	150

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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