



Mobil SHC Pegasus™ 40

Mobil Industrial , Portugal

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 e with the highest levels of protection. Mobil SHC Pegasus 40 uses a patented combination of high quality base stocks and advanced additive technology to exceptional oxidation stability, nitration resistance and thermal stability. Its formulation has been carefully balanced to provide outstanding anti-wear characteristics 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 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 conventior 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
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	13.7
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	82

Property	
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.as>
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