Mobil Pegasus 805 Super

Mobil Industrial , United States

Gas Engine Oil

Product Description

Mobil Pegasus 805 Super is a premium performance gas engine oil developed to meet the rigorous demands of today's high output four-cycle engines which have been designed to reduce emissions and improve fuel-efficiency. These gas engines generally operate under high load and high temperature conditions and are subjected to a wide range of startup temperatures. Its high viscosity index and low temperature properties provide excellent cold start performance as well as exceptional high temperature lubrication characteristics. The use of the high quality mineral oil base stocks and an advanced low-ash additive technology provides exceptional oxidation stability, nitration resistance and thermal stability. It is a low ash formulation that exhibits medium ash performance characteristics. Mobil Pegasus 805 Super, therefore, offers outstanding valve face, seat and guide protection. Its detergent and dispersant performance controls the formation of carbon deposits, lacquer and sludge resulting in cleaner engines, longer oil life; and reduced filter costs.

Mobil Pegasus 805 Super is designed to provide exceptional protection against piston scuffing, scoring and ring and liner wear. It also exhibits excellent resistance to foaming, good demulsibility and protection against corrosion. It is formulated with very low levels of zinc and phosphorus making it compatible with engines requiring low ash oils and equipped with catalytic converters.

Features and Benefits

Mobil Pegasus 805 Super is designed to provide optimum engine life and low maintenance costs. It is an excellent choice where high-speed four-cycle engines from various OEMs can be used. Its innovative technology allows for control of valve-train component wear and reduces the potential for scuffing, scoring and accelerated piston and ring wear. The end result is lower costs of operating and maintaining your gas engines.

Features	Advantages and Potential Benefits
Exceptional Oxidation and Nitration Resistance	Cleaner engines Longer oil and filter service Improved engine performance
Outstanding Anti-wear and Anti-scuff protection	Reduced scoring, scuffing and wear of pistons and liners High level of protection in fully loaded engines Reduced maintenance costs
High Viscosity Index	Wide temperature range performance Provides quick lubrication to critical components under cold start conditions
Advanced Technology Low Ash Additive System	Excellent protection of valve train components Reduced levels of combustion chamber ash Improved spark plug life Compatible with engines equipped with catalytic converters
Very Effective Corrosion Protection	Protects internal engine components from water, coolant and acidic materials Neutralises acids formed during combustion and oil degradation
Excellent Detergency / Dispersancy Performance	Protects valve train components Reduces ash and carbon deposits in combustion chambers Improves spark plug life and performance Reduces filter replacement costs
Excellent Low Temperature Operability	Remote start-up under low ambient temperatures

Applications

- Superior, Waukesha and other turbocharged, naturally aspirated, medium to high speed four-cycle engines requiring a low ash oil
- Remote start engine applications and engines subjected to cold ambient temperatures at startup
- Engines experiencing valve face and seat wear
- Lean-burn and stoichiometric four-cycle engines

- Engines equipped with catalytic converters
- Applications using alternate fuels containing low levels of sulphur or chlorine
- In field gathering operations where sour gas (low levels of liquids and H2S) is used as fuel

Typical Properties

Mobil Pegasus 805 Super	
SAE Grade	15W-40
Viscosity, ASTM D 445	
cSt @ 40°C	115
cSt @ 100°C	14.5
CCS Viscosity @ -20° C cp, ASTM D 5293	6130
Viscosity Index, ASTM D 2270	128
Sulfated Ash, wt%, ASTM D 874	0.5
Total Base #, mg KOH/g, ASTM D 2896	6.4
MRV @ -25° C, Apparent Viscosity, ASTM D 4684, cP	18500
CCS Viscosity @ -20° C, ASTM D5293, cP	6130
Pour Point, °C, ASTM D 97	-30
Flash Point, °C, ASTM D 92	224
Specific Gravity 15.6° C/15.6° C, ASTM D 4052	0.88

Health and 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.

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