Mobil Pegasus Special CF

Mobil Industrial , United States

Gas Engine Oil

Product Description

Mobil Pegasus Special CF is a high quality SAE 15W-40 gas engine oil primarily intended for the lubrication of crankcases and power cylinders of spark-ignited two- and four-cycle gas-fueled engines. It is ideally suited for engines subjected to a wide range of ambient temperatures during startup and operation. This oil is uniquely formulated to be "Catalyst Friendly" and to meet the needs of engines with catalytic exhaust systems and stringent air emission requirements. It is also recommended for the lubrication of the cylinders and crankcases of reciprocating compressors processing clean natural gas. Pegasus Special CF is formulated from high quality base oils and a balanced ashless detergent additive system. It is designed to provide excellent protection of engine and compressor components while reducing combustion chamber deposits in all engines and port carboning in two-cycle engines. Pegasus Special CF exhibits a high level of chemical stability and resistance to oxidation and nitration to help provide long oil life and lower filter replacement costs.

Mobil Pegasus Special CF has excellent anti-corrosion properties, which helps prevent corrosive wear in cylinders, valve areas and bearings resulting in longer engine life. The anti-wear properties helps minimize wear of rings, liners, and bearings.

Features and Benefits

Mobil Pegasus Special CF provides excellent low temperature performance providing faster lubricant supply to critical engine components particularly under cold start conditions. It provides good engine cleanliness while maintaining low wear rates which could result in improved engine performance, reduced maintenance costs and improved production capacity. Pegasus Special CF exhibits excellent chemical and oxidation stability resulting in long drain periods and reduced filter costs. Its excellent ashless detergency technology reduces deposit formation in combustion chambers and in two-cycle engine ports resulting in lower maintenance costs while improving engine performance and reducing fuel costs. Mobil Pegasus Special CF is specially formulated to work with a variety of emission control systems including the latest two cycle, lean burn oxidizing converter systems designed to meet the MACT (Maximum Achievable Control Technolgy) requirements of the US EPA Clean Air Act.

Features	Advantages and Potential Benefits
Effective Low Temperature Performance	Improved cold-start lubrication
Excellent Anti-wear Properties	Helps lower engine component wear
Outstanding Oxidation and Chemical Stability	Cleaner Engines Extended drain interval potential Helps reduce oil filter costs Excellent resistance to oxidation and nitration
Ashless Formulation	Reduces port carboning in two-stroke cycle engines Controls combustion chamber deposit formation and Improves spark plug performance Helps Improve engine performance
Very Good Corrosion Resistance	Reduces valve guide wear in four stroke-cycle gas engines Protects bearings and internal components
Effective Dispersancy/Detergency	Cleaner engines Longer oil filter life Helps lower maintenance costs

- Effective Low Temperature Performance Improved cold-start lubrication
- Excellent Anti-wear Properties Helps lower engine component wear
- Protection of valuable catalyst in Selective Catalytic Reduction (SCR) emission systems
- Minimization of catalyst fouling, degradation. and poisoning in emission systems
- Outstanding Oxidation and Chemical Stability
- Extended drain interval potential
- Excellent resistance to oxidation and nitration
- Ashless Formulation Reduces port carboning
- Controls combustion chamber deposit formation and Improves spark plug performance

- Helps Improve engine performance
- Protects bearings and internal components
- Effective Dispersancy/Detergency Cleaner engines
- Longer oil filter life
- Helps lower maintenance costs
- Reduces potential number of lubricants needed

Applications

- Engines with Selective Catalytic Reduction (SCR) emission technology and those that must meet stringent air quality requirements
- Crankcases and power cylinders of spark-ignited two- and four-cycle gas engines
- Engines subjected to remote startup under cold ambient conditions
- Mainline applications where engines are shut down for long periods and must start and come on line quickly
- Applications requiring ashless or very low ash formulations
- Applications where port carboning is a potential concern
- Reciprocating compressor cylinders compressing clean natural gas
- Situations where consolidation to fewer lubricants is advantageous

Typical Properties

Mobil Pegasus Special	
SAE Grade	15W-40
Viscosity, ASTM D 445	
cSt @ 40° C	104
cSt @ 100° C	13.7
Viscosity Index, ASTM D 2270	132
Sulfated Ash, wt%, ASTM D 874	<0.1
Total Base #, mg KOH/g, ASTM D 2896	2.4
Pour Point, °C, ASTM D 97	-36
Flash Point, °C, ASTM D 92	236
Density 15.6° C, ASTM D 4952, kg/l	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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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

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