

Mobil Pegasus 505

Gas Engine Oil

Product Description

Mobil Pegasus 505 is a premium natural gas engine oils formulated exclusively from specially selected base stocks of high stability. This lubricant provides the excellent performance and economy for a wide variety of engine types, service severity and fuel qualities.

Mobil Pegasus 505 utilises advanced technology to provide excellent detergency/dispersency protection characteristics along with high-temperature anti-scuff and anti-scoring protection. It contains ashless and metallic detergents and is fortified with oxidation inhibitors and antiwear agents. Its use helps minimise carbon and ash deposits.

Mobil Pegasus 505 oil combats corrosive wear in cylinders and bearings by neutralising acids. It will also minimise wear of rings, liners and bearings and will help curtail wear in valve seats of turbocharged, four-cycle gas engines. This oil provides superior engine cleanliness and filter life.

Features and Benefits

Mobil Pegasus 505 Series gas engine oils provide cleaner engines, lower wear rates and improved engine performance. The result is the potential for reduced maintenance costs and improved production capacity. Its good chemical and oxidation stability allows for extended drain intervals and filter cost reduction.

Features	Advantages and Potential Benefits
Outstanding Anti-wear and Anti-scuff Properties	Lower wear of engine components Reduced scuffing of liners of highly loaded gas engines Provides excellent break-in protection of high BMEP engines
Good Oxidation and Bulk Oil Stability	Cleaner engines Good oil life Reduced filter costs Good resistance to oxidation and nitration Resists coking and formation of undercrown deposits
Low Ash Formulation	Protects valve seats and faces on four-cycle engines Controls combustion chamber ash formation and improves spark plug performance Less power loss from detonation caused by combustion chamber deposits
Good Corrosion Resistance	Protects bearings and internal components
High Quality Basestocks	Reduced port blockage, with longer intervals between cleaning

Applications

- Crankcases and power cylinders of spark-ignited two- and four-cycle gas engines
- Highly loaded 4-cycle engines requiring anti-scuff protection
- Reciprocating compressor cylinders compressing natural gas
- High output or naturally aspirated turbocharged engines operating at or in excess of rated capacity under high temperatures



Specifications and Approvals

Typical Properties

Mobil Pegasus 505	
SAE Grade	40
Viscosity, ASTM D 445	
cSt @ 40°C	126
cSt @ 100°C	13.1
Viscosity Index, ASTM D 2270	97
Sulfated Ash, wt%, ASTM D 874	0.46
TBN #, mg KOH/g, ASTM D 2896	2.7
Pour Point, °C, ASTM D 97	-15
Flash Point, °C, ASTM D 92	238
Density @ 15°C, kg/l, ASTM D 1298	0.886

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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