

## ExxonMobil Mobil Pegasus 805 40

Category: Fluid, Lubricant

## **Material Notes:**

Mobil Pegasus 805 is premium performance gas engine oil engineered to meet the rigorous demands of todays high output four-cycle engines designed to reduce emissions and improve fuel-efficiency. These gas engines generally operate under high load and high temperature conditions. Mobil Pegasus 805 is made from the highest quality base stocks and an advanced technology additive system that provides exceptional oxidation stability, nitration resistance and thermal stability. Its detergent and dispersant system controls the formation of carbon deposits, lacquer and sludge resulting in cleaner engines, longer oil life and reduced filter costs. Mobil Pegasus 805 is also designed to provide exceptional protection against piston scuffing, scoring and ring and liner wear. It 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 equipped with catalytic converters. Caterpillar, Superior, Waukesha and other turbocharged, naturally aspirated, medium to high speed four-cycle engines requiring a low ash oil; 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 sulfur or chlorine; In field gathering operations where sour gas (low levels of H2S) is used as fuel

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Physical Properties	Metric	English	Comments
Specific Gravity	0.890 g/cc	0.890 g/cc	15.6°C; ASTM D4052
Viscosity Measurement	99	99	Index; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	130 cSt	130 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	13.5 cSt	13.5 cSt	ASTM D445
Ash	<= 0.54 %	<= 0.54 %	Sulfated Ash, wt%; ASTM D874

Thermal Properties	Metric	English	Comments
Pour Point	-12.0 °C	10.4 °F	ASTM D97
Flash Point	262 °C	504 °F	ASTM D92

Chemical Properties	Metric	English	Comments
Total Base Number	6.2	6.2	mgKOH/g; ASTM D2896

Descriptive Properties	Value	Comments
Foam Sequence I, ASTM D1005	0/0	

## **Contact Songhan Plastic Technology Co.,Ltd.**



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