Mobil

Mobil Pegasus™ 805 Ultra

Mobil Industrial , India

Gas Engine Oil

Product Description

Mobil Pegasus™ 805 Ultra is a high performance gas engine oil engineered to meet the rigorous demands of today's high output four-cycle engines designed to reduce emissions and improve fuel-efficiency. It meets a wide range of OEM requirements making it a great choice where high-speed four-cycle engines from various OEMs are used.

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

Features and Benefits

- Extraordinary oxidation stability and nitration resistance provide cleaner engines, good oil life, and reduced oil disposal and filter costs
- Very good anti-wear characteristics help to reduce wear of engine components and reduce scuffing of pistons and liners
- Good corrosion resistance protects bearings and internal components
- Extraordinary detergent-dispersant system provides protection of valve train components, cleaner engines and longer filter and spark plug life
- Very good foam separation reduces potential negative effects of air on wear and oil degradation

Applications

- Caterpillar, Waukesha and other turbocharged, naturally aspirated, medium to high speed four-cycle engines requiring a low ash oil
- Four-cycle engines experiencing valve face and seat wear
- Lean-burn and stoichiometric four-cycle engines operating under high load, high temperature conditions
- High-speed four-cycle gas engines used in cogeneration applications
- 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 H2S) may be used as fuel

Specifications and Approvals

This product has the following approvals:
Caterpillar Energy Solutions TR 2105, Lube Oils for Gas Engines (CG132, CG170, CG260)
INNIO Waukesha Engine 220GL Applications Using Pipeline Quality Gas
INNIO Waukesha Engine Cogeneration / Gas Compression Applications Using Pipeline Quality Gas
MWM TR 0199-99-2105, Lube Oils for Gas Engines
Wartsila 20DF

This product has the following approvals:
Wartsila 31DF
Wartsila 31SG
Wartsila 32DF
Wartsila 34DF
Wartsila 34SG
Wartsila 46DF
Wartsila 50DF
Wartsila 50SG
Bergen Engines AS (former Rolls-Royce Bergen) C-Type Gas Engines
Bergen Engines AS (former Rolls-Royce Bergen) B 35:40 Gas Engines
Bergen Engines AS (former Rolls-Royce Bergen) K-Type Gas Engines
Caterpillar / MaK 4-Stroke Medium Speed Engine (Gas Operation) incl. GCM-34

This product is recommended for use in applications requiring:
API CF

This product meets or exceeds the requirements of:
Caterpillar

Properties and Specifications

Property	
Grade	SAE 40
Viscosity Index, ASTM D2270	104
Kinematic Viscosity @ 100 C, mm2/s, ASTM D445	13.8
Pour Point, °C, ASTM D97	-21
Flash Point, Cleveland Open Cup, °C, ASTM D92	279
Density @ 15 C, kg/l, ASTM D4052	0.885
Ash, Sulfated, mass%, ASTM D874	0.5
Kinematic Viscosity @ 40 C, mm2/s, ASTM D445	129

Property	
Base Number - Xylene/Acetic Acid, mg KOH/g, ASTM D2896	5.4

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.aspx

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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 www.exxonmobil.com
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