

Mobil Pegasus™ 610 Ultra

High-performance gas engine oil



Energy lives here™

Key benefits



Enhanced equipment productivity and reduced maintenance downtime and expense due to longer drain intervals



A high performance detergent-dispersant system helps keep engines clean despite contaminants common to landfill and biomass gases



Decreased equipment replacement and disposal costs due to reduced wear and corrosion

Mobil Pegasus™ 610 Ultra is primarily intended to provide optimum performance in modern medium and high speed four-cycle gas engines operating on fuel that contains contaminants such as hydrogen sulphide, siloxanes or halogens. Through a balanced formulation, this advanced oil can help:

- Control wear and corrosion when using contaminated gas
- Control combustion chamber ash formation and improve spark plug performance
- Extend oil drain intervals even with highly contaminated fuels

Excellent wear protection*

After four drains and 2,000 hours, the outstanding wear protection of Mobil Pegasus 610 Ultra helped to achieve excellent liner condition when the engine was inspected.

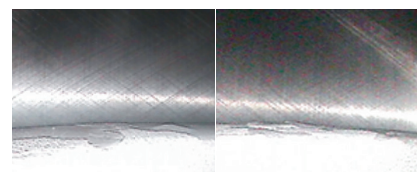
Mobil Pegasus 610 Ultra also helped to control combustion chamber ash formation which helps improve spark plug performance.

Spark plugs



Mobil Pegasus 610 Ultra gas engine oil provides an additional level of spark plug performance in those applications using highly contaminated fuel by controlling combustion chamber ash formation.

Cylinder liner



Mobil Pegasus™ 610 Ultra offers excellent anti-wear and especially anti-scuff performance ensuring minimal piston scuffing, and cylinder and ring wear. This helps to extend the overhaul and operating periods.

Up to

40%

ODI increase with landfill gas*

Mobil Pegasus™ 610 Ultra

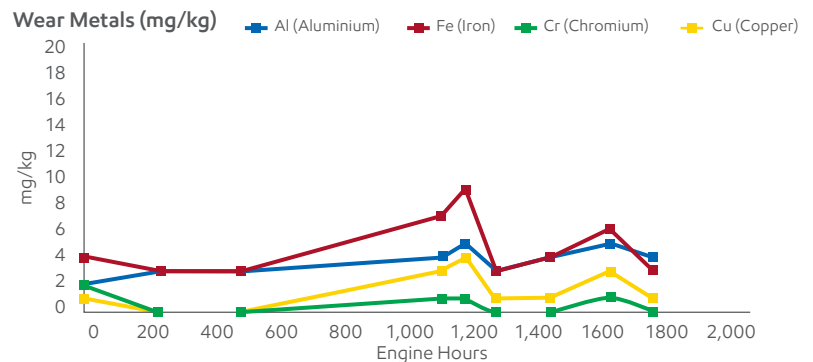
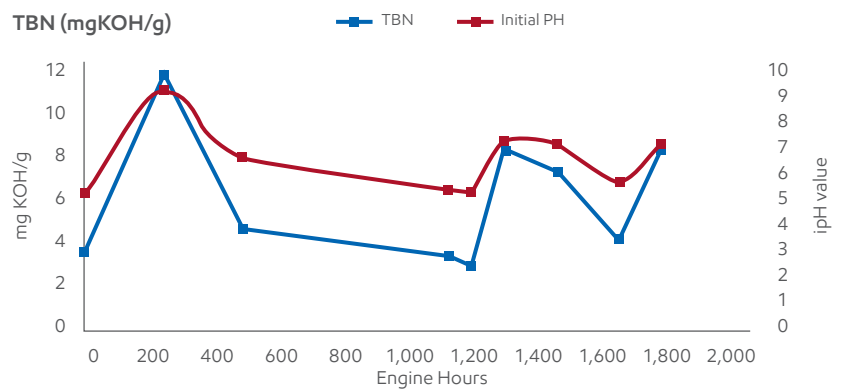
Typical properties**

Mobil Pegasus™ 610 Ultra	
Grade SAE	40
Kinematic Viscosity @ 100 °C, mm ² /s, ASTM D445	12.9
Viscosity Index, ASTM D2270	107
Density @ 15.6 °C, g/ml, ASTM D1298	0.875
Pour Point, °C, ASTM D97	-30
Flash Point, Cleveland Open Cup, °C, ASTM D92	259
Ash, Sulfated, mass%, ASTM D874	1.0
Total Base Number, mgKOH/g, ASTM D2896	10.5

Exceptional durability*

In comparison tests performed in a Jenbacher 320 Gas Engine, Mobil Pegasus 610 Ultra demonstrates excellent Total Base Number (TBN) retention to neutralise acids and enhance oxidation stability to extend oil drains. It also showed outstanding wear protection to reduce liner scuffing.

These tests allowed operators to extend drain intervals by up to 40%, which can help reduce maintenance downtime and costs while increasing engine availability and production.



Industrial Lubricants



Advancing Productivity™

Safety

Longer drain intervals reduce the need for maintenance and the risks associated with employee-equipment interaction.

Environmental Care†

With decreased wear and extended drain intervals, Mobil Pegasus 610 Ultra helps decrease oil consumption, waste oil generation and maintenance-related waste.

Productivity

Decreased equipment replacement due to reduced wear and corrosion, enhanced engine durability and deposit control, as well as longer drain intervals, reduce the maintenance downtime and help boost engine availability for peak production.

*This result is based on the experience of a single customer during field tests. Actual results can vary depending upon the type of equipment used and its maintenance, operating conditions and environment, and any prior lubricant used.

**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 exxonmobil.com. ExxonMobil is comprised of numerous affiliates and subsidiaries, many with names that include Esso, Mobil or ExxonMobil. Nothing in this document is intended to override or supersede the corporate separateness of local entities. Responsibility for local action and accountability remains with the local ExxonMobil-affiliate entities.

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