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Three Jet Oils from ExxonMobil Aviation Lubricants Now Listed on Qualified Products List for SAE AS5780A Specification

FAIRFAX, Va.--(BUSINESS WIRE)--

ExxonMobil Aviation Lubricants today announced that three of its jet oils are approved to the new specification for aero and aero-derived gas turbine engine lubricants endorsed by civil aviation authorities. Mobil Jet Oil 387 joins Mobil Jet Oil II and Mobil Jet Oil 254 on the Qualified Products List (QPL) of SAE International, the world's largest aerospace standards development organization.

Until now, the performance requirements of gas turbine lubricants had been defined by military and Original Engine Manufacturers (OEM) specifications. The new specification, called AS5780A, incorporates input from civil aviation authorities for the first time. It was developed to meet the growing performance and quality needs that commercial airlines seek, especially with the entrance of new higher-output and lower oil-consumption engines.

The standard also includes significant input from engine manufacturers and major lubricant providers, as well as many government agencies. These agencies include Canadian, German and French militaries, UK Defence Fuels Group, QinetiQ and the US Navy and US Air Force. Support for the standard also came from the French Direction Generale de l'Aviation Civile (DGAC), UK Civil Aviation Authority (CAA) and the US Federal Aviation Authority (FAA).

The SAE AS5780A specification defines the basic physical, chemical and performance limits for five centistoke viscosity grades of gas turbine engine-lubricating oils used in aero and aero-derived marine and industrial applications. The specification also describes standard methods and requirements for laboratories performing the tests to qualify oils.

Mobil Jet Oil II was approved to the SAE AS5780A specification in August 2007. The high-performance, aircraft-type gas turbine lubricant is recommended for aircraft gas turbine engines of the turbo-jet, turbo-fan, turbo-prop and turbo-shaft (helicopter) types in commercial and military service.

Mobil Jet Oil 254 is a third-generation, extra high-performance, synthetic aircraft-type gas turbine lubricant for gas turbine engines used in commercial and military aircraft that operate in a wide range of severe conditions. It was also approved to the SAE AS5780A specification in August 2007. A product with advanced thermal and oxidation stability, Mobil Jet Oil 254 is recommended for aircraft turbine engines of the turbo-jet, turbo-fan, turbo-prop and turbo-shaft (helicopter) types used in commercial and military service.

Mobil Jet Oil 387 was formulated with the latest technology to meet the AS5780A High Performance Capability (HPC) standard. It was approved to the SAE AS5780A specification in November 2007. A product with advanced deposit control and excellent seal compatibility, it is suited for aircraft operating with particularly severe equipment or service requirements. ExxonMobil plans to launch this new product in the near future.

"As the only supplier with three jet oils meeting the new AS5780A standard, we have reaffirmed our commitment to providing cutting edge aviation lubricant technology and remaining a step ahead of our customers' evolving needs," says Mike Hawkins, global marketing manager, ExxonMobil Aviation Lubricants.

ExxonMobil has been providing aviation lubricants since 1903, when the Wright Brothers flew with Mobiloil in their airplane's four-cylinder engine. Today, ExxonMobil Aviation Lubricants is a leading supplier of jet oils, hydraulic oil, piston oils, greases and specialty fluids. Its products are delivering results "on orbit" in the International Space Station, and on earth in the aircraft of many airlines and private pilots. The global organization provides technical expertise and service for customers worldwide.

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