

Jet Engine Oil



- **Mobil Jet Oil 387**

Mobil Jet Oil 387 is the most advanced synthetic jet turbine oil ExxonMobil has ever developed. It strikes the perfect balance, providing optimal engine performance and advanced protection for engines and components. Proactively developed to respond to the evolving needs of our customers and the industry, Mobil Jet Oil 387 is our most advanced turbine oil ever developed. Specifically formulated to deliver unsurpassed engine performance, it strikes the perfect balance, providing optimal engine performance and advanced protection for engines and components. Featuring exceptional elastomer compatibility, excellent thermal and oxidative stability and advanced deposit control, Mobil Jet Oil 387 delivers a balance that has never before been achieved with a turbine oil, raising the bar in jet engine lubrication. Mobil Jet Oil 387 is approved for use in an array of engine models and components.



- **Mobil Jet Oil II**

Mobil Jet Oil II is a high performance aircraft-type gas turbine lubricant formulated with a combination of a highly stable synthetic base fluid and a unique chemical additive package. The combination provides outstanding thermal and oxidative stability to resist deterioration and deposit formation in both the liquid and vapour phases, as well as excellent resistance to foaming. The effective operating range of Mobil Jet Oil II is between -40°C (-40 °F) and 204 °C (400°F). Mobil Jet Oil II is engineered for aircraft gas turbine engines used in commercial and military service requiring MIL-PRF-23699-STD level performance. It also is recommended for aircraft-type gas turbine engines in industrial or marine service applications.



- **Mobil Jet Oil 254**

This third-generation, high thermal stability (HTS) oil was formulated to deliver exceptional high-temperature thermal stability and improved resistance to deterioration and deposit control versus Standard Type II oils. ExxonMobil Research and Engineering testing showed Mobil Jet Oil 254 lubricant offers excellent resistance to coking and deposit control, and provides exceptional oxidation and corrosion protection. Laboratory tests indicate Mobil Jet Oil 254 provides a 40 percent advantage in higher-temperature bulk oil stability vs. competitive HTS oils tested.

Aviation Grease



- **Mobil Grease 33**

Mobilgrease 33 is a high-performance, BMS3-33C multipurpose airframe grease uniquely formulated with a proprietary blend of polyalphaolefin (PAO) base oils and lithium complex soap. Unlike other commercially available BMS3-33C greases, this unique formulation is ester-free, providing superior performance and hydrolytic stability, excellent resistance to thermal and oxidative degradation and exceptional wear protection in heavy loaded pressure environments without an offensive odor. Our ester-free blend offers exceptional performance in wet environments to resist water washout and evaporation loss, protecting the grease from the deteriorating effects of hydrolysis.



- **Mobil Grease 28**

Mobilgrease 28 grease – the first synthetic product Mobil™ offered – has been trusted for more than 50 years. With a 10-year shelf life, it offers more than three times the life of similar-type competitive greases. Mobilgrease 28 is the polyalphaolefin (PAO), clay-based multipurpose airframe and wheel bearing grease of choice for many aircraft operators around the world. It is designed to lubricate plain and rolling bearings at low to high speeds, and splines, screws, worm gears, and other mechanisms where high-friction reduction, low-wear and low-lubricant friction losses are required. It meets the performance requirements of key military and commercial aviation specifications and offers operators increased flexibility and potential inventory consolidation benefits. Mobilgrease 28 grease is fully approved for use in multipurpose airframe grease applications and in wheel bearings.



- **Mobil Aviation Grease SHC 100**

Mobil Aviation Grease SHC 100 was developed in collaboration with key OEMs more than a decade ago to ensure exceptional performance and help improve equipment reliability. Today, it is approved by all major aircraft wheel manufacturers because it helps protect against wear, rust, corrosion, and high-temperature degradation; provides excellent resistance to oxidation; and remains stable in adverse weather and other water-exposure conditions.

Aviation Hydraulic Fluid



The first Type V phosphate ester hydraulic fluid to be used in service on Airbus and Boeing aircraft, Mobil HyJet V has logged more than 10 million in-service hours in more than 2,500 aircraft since its introduction in 2008. Compatible with all approved Type IV and Type V hydraulic fluids, elastomers and other hydraulic system materials, Mobil HyJet V is a fire-resistant phosphate ester hydraulic fluid that can help mixed fleets extend the life of hydraulic systems. Mobil HyJet V is fully approved in all commercial 5000 psi hydraulic pressure aircraft systems. Reasons to trust in Mobil HyJet V



Engineered for use in commercial and business aircraft, Mobil HyJet IV-Aplus is the hydraulic fluid of choice for many of today's mixed-fleet airlines.

Mobil HyJet IV-Aplus is a fire-resistant Type IV phosphate ester aviation hydraulic fluid that offers performance capabilities at levels close to those of Type V fluids. Mobil HyJet IV-Aplus hydraulic fluid offers outstanding rust and deposit control. The lowest density Type IV fluid commercially available today, Mobil HyJet IV-Aplus hydraulic fluid can help airlines save money.



Mobil Aero™ HF Series aviation hydraulic fluids are designed to meet the demanding requirements of commercial and military aircraft applications. These high-quality formulations have a long history of excellent performance and provide long, trouble-free service over a wide range of operating conditions.

Mobil Aero™ HFA and Mobil Aero™ HF aviation hydraulic fluids are formulated for aircraft systems where use of hydrocarbon-based hydraulic fluids is required. They are low-viscosity products, high VI (viscosity index) fluids with excellent low-temperature properties, good antiwear performance and good chemical stability. Mobil Aero HFA and HF hydraulic fluids are composed of mineral base oil stock and contain shear-stable VI improvers.