



Proof of performance

Austrian Airlines maximizes operational stability

Mobil Jet™ Oil 387 helps airline protect engines that power Embraer 195 aircraft

Performance spotlight

Austrian Airlines has experienced in-service cycles of

5,000–9,000

flight hours since switching to Mobil Jet Oil 387.

Austrian Airlines, a subsidiary of the Lufthansa Group, operates a diverse fleet of nearly 90 aircraft. To maximize operational efficiencies, Austrian Airlines recognizes the importance of close collaboration with lubricant maintenance personnel to better understand the challenges that products currently in use may face.

To help support engine performance and protect against coke buildup, Austrian Airlines selected Mobil Jet Oil 387 jet turbine oil as a fleetwide solution for its Embraer 195 aircraft.

Ensuring aircraft reliability

With a global route network of roughly 130 destinations, the majority located outside of Central and Eastern Europe, Austrian Airlines recognizes the complexities in managing a worldwide fleet. To ensure excellent service, the airline prides itself on punctuality and technical reliability for its valued customers.

As an airline that operates in extreme environments, Austrian Airlines wanted to ensure that the GE CF34 engines on its 17 Embraer 195 aircraft were continuing to function efficiently and avoid potential coking. To mitigate the possibility of coking, Austrian Airlines engaged ExxonMobil lubrication experts who encouraged the airline to upgrade to a High Performance Capability (HPC) oil equipped to serve as an Embraer fleetwide solution – Mobil Jet Oil 387 jet turbine oil. Compared to a Standard Type II oil, Mobil Jet Oil 387 lubricant is capable of withstanding high operating temperatures and has a proven track record of protecting against coking while being gentle on elastomers.*



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*Based on ExxonMobil laboratory data and documented experience from service evaluations in the same or related engine technologies.

Energy lives here™

Austrian Airlines maximizes operational stability

Ensuring aircraft reliability (continued)



Providing Austrian Airlines consistent performance for many years, Mobil Jet™ Oil II gas turbine lubricant continues to protect its aircraft powered by CFM International's CFM56 engines. This long-standing experience, as well as the product's design and performance, gave the airline reasons to believe in Mobil Jet™ Oil 387 lubricant's ability to provide ideal protection for its CF34 engines.

To ensure the CF34 engines were running as efficiently as possible, the airline realized an HPC oil would provide better deposit control and protection against coking in its rear bearings. Furthermore, it could protect its integrated drive generators (IDGs) and auxiliary power units (APUs), providing the fleetwide solution they were hoping for. Given its ability to help streamline inventory and deliver a wide range of performance benefits, Austrian Airlines followed ExxonMobil's technical guidance and converted to Mobil Jet Oil 387 turbine oil.

In their own words

"We're very particular when it comes to product selection, and Mobil Jet Oil 387 has met our high expectations thanks to its ability to provide optimal protection against coke buildup and keep engines running clean," said Franz Konrad, head of propulsion engineering and engine management at Austrian Airlines. "Since the conversion two years ago, we've used Mobil Jet Oil 387 extensively on the CF34 engines – at times, the oil will be in service for 5,000–9,000 hours. There have been no operational issues or evidence of serious coking or degradation; therefore, we chose to use the oil as a fleetwide solution that also protects the Embraer 195's IDGs and APUs."

Konrad added, "By using a fleetwide solution, the switch has also supported the maintenance team in meeting its operational goals by helping streamline inventory and minimize costs, complexities, and application error."

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– Franz Konrad, head of propulsion engineering and engine management, Austrian Airlines

For more information

Please contact your ExxonMobil aviation sales representative or visit our [contact us page](#).

This testimonial is based on the experience of a single customer. Actual results can vary depending upon the type of aircraft used and its maintenance, operating conditions and environment, and any prior lubricant used.

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