

GE CF6-80C2 engine

Mobil Jet™ Oil II delivers exceptional results

Summary

Mobil Jet™ Oil II is a synthetic Type II lubricant for aircraft-type gas-turbine engines. It helps control deposits, keep oil systems clean, extend engine life and can reduce the cost of engine maintenance.

Inspection of a freighter's GE CF6-80C2 engine confirmed its capabilities.

Engine inspection details

Service type	Freighter
Aircraft type	Boeing 767
Engine hours	20,365 (Total time)
Since last repair	11,745 Hours
Engine cycles	6,623 (Total cycles)
Since last repair	3,475 Cycles
Oil change	None
Removal	Performance Deterioration – Convenience

Inspection results

Photos are typical of the inspected engine's overall cleanliness and condition.

- 1 Oil-wetted parts of the engine were in excellent condition.
- 2 No blockage was discovered in oil tubes.
- 3 Customer's engineering personnel judged the condition of the engine to be typical of one lubricated with Mobil Jet Oil II.



Oil supply tube. Excellent condition. Negligible deposits. No blockage.



Scavenge oil tube. Excellent condition. Negligible deposits. No blockage.

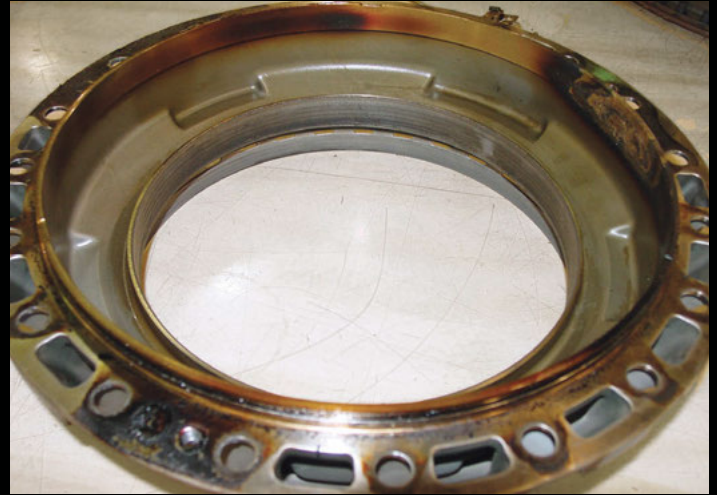
Mobil Jet™

Technology by **ExxonMobil**

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No. 4 bearing housing. Excellent condition. Light varnish deposits.



No. 4 seal housing. Excellent condition. Light varnish deposits.



No. 5 bearing/seal housing. Excellent condition. Light varnish deposits.



No. 6 bearing housing - turbine rear frame. Excellent condition. Light varnish deposits.

Conclusion

Based on the results of this and other inspections, and discussions with airlines worldwide, the conclusion is that Mobil Jet™ Oil II delivers outstanding performance in GE CF6-80C2 engines.

Modern jet engines require a lubricant that can handle extreme speed, temperature and stress without breaking down or forming deposits. Mobil Jet Oil II is tailor-made to meet these challenges. It has provided outstanding performance in aircraft-type turbine engines for more than 50 years, and is the lubricant of choice for many of today's leading airlines.

For more information

Please contact your ExxonMobil aviation sales representative.