

PW 2040 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 major airline's PW 2040 engine confirmed its capabilities.

Engine inspection details

Operator	Major airline
Aircraft type	Boeing 757
Engine hours	17,142 (Total time)
Since last repair	7,901 Hours
Engine cycles	11,527 (Total cycles)
Since last repair	5,273 Cycles
Oil change	None
Removal	Scheduled

Inspection results

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

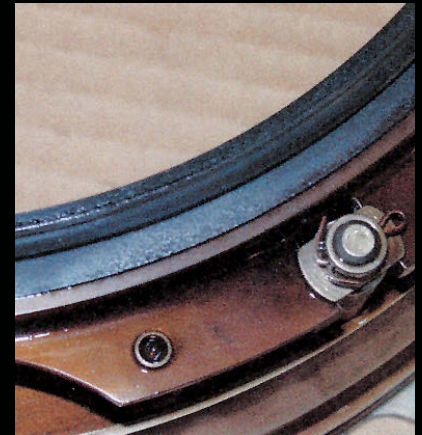
1 Oil-wetted parts of this engine were in excellent condition. Oil tubes were visually inspected and found to be clear of any significant deposits.

2 PW 2000 engines can exhibit a tendency to coke in the #5 oil supply and scavenge lines, and in the #4 and #5 bearing/seal compartments; this condition was not seen in the engine.

3 Pratt & Whitney's maintenance facility personnel judged the condition of the engine to be typical of one lubricated with Mobil Jet Oil II.



No. 3 carbon seal. Very good condition. Negligible light varnish deposits.

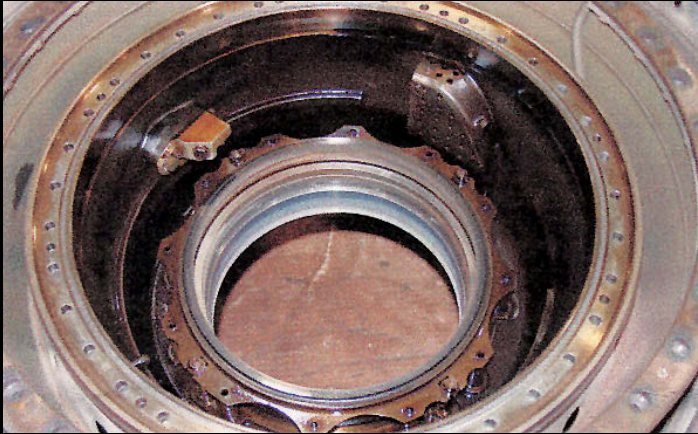


No. 4 carbon seal. Very good condition. Negligible light varnish deposits.

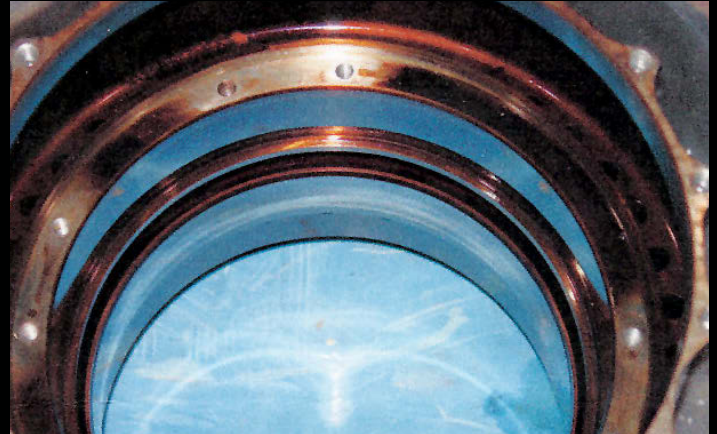
Mobil Jet™

Technology by ExxonMobil

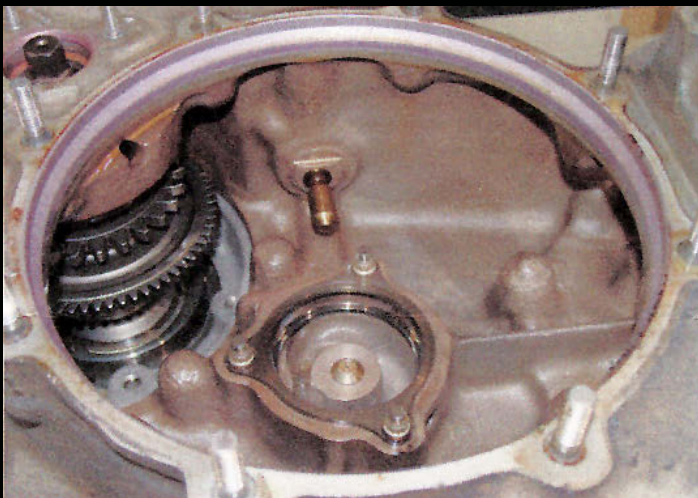
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No. 4 bearing/carbon seal housing. Very good condition. Light varnish deposits. Oil tubes clear.



No. 5 bearing/carbon seal housing. Very good condition. Light varnish deposits. Oil tubes clear.



Main gearbox. Excellent condition. No deposits.



Oil slinger. Very good condition. No sludge. Negligible 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 PW 2040 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.