

# PW 2040

Mobil Jet™ Oil II outperforms competitive Type II oil

## Summary

Despite more hours and more than twice as many cycles since the last repair, Mobil Jet Oil II lubricant provided superior performance compared to competitive Type II oil.

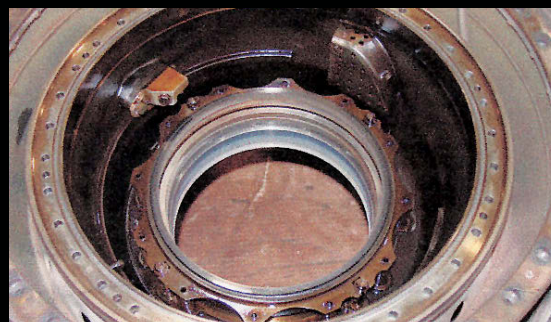
## Oil comparison details

Oil in use	Mobil Jet Oil II	Competitive Type II oil
Operator	Major airline	Major airline
Aircraft type	Boeing 757	Boeing 757
Engine type	PW 2040	PW 2037
Engine hours	17,142 (total time)	11,200 (since engine heavy maintenance)
Since last repair	7,901 hours	5,200 hours
Engine cycles	11,527 (total cycles)	5,073 (since engine heavy maintenance)
Since last repair	5,273 cycles	2,355 cycles
Oil change	None	None
Removal	Scheduled	Scheduled

## Engine inspection results

- 1 The engine operating on Mobil Jet Oil II lubricant required no line cleaning.
- 2 The engine with the competitive Type II oil required additional maintenance to clean the No. 4 bearing/seal compartments, and the oil supply and scavenge lines were cleaned on wing every 500 hours prior to removal.
- 3 The additional maintenance required by the engine operating on the competitive Type II oil increased the operator's costs.
- 4 Jet engine oil should allow an operator to achieve normal and acceptable engine performance without incurring additional maintenance or operational costs.

## No. 4 bearing/carbon seal housing



Mobil Jet Oil II. PW 2040 engine.



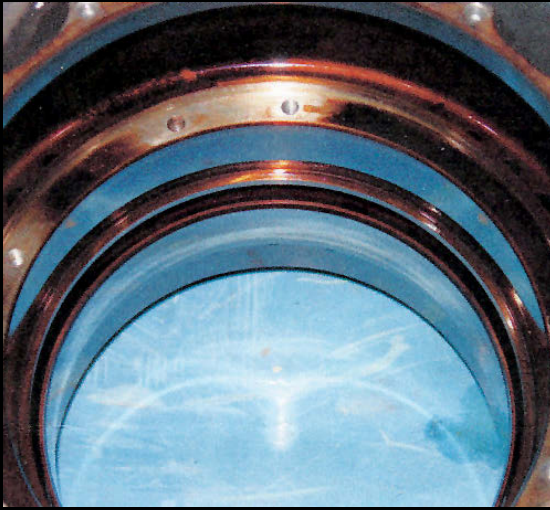
Competitive Type II oil. PW 2037 engine.

**Mobil Jet™**

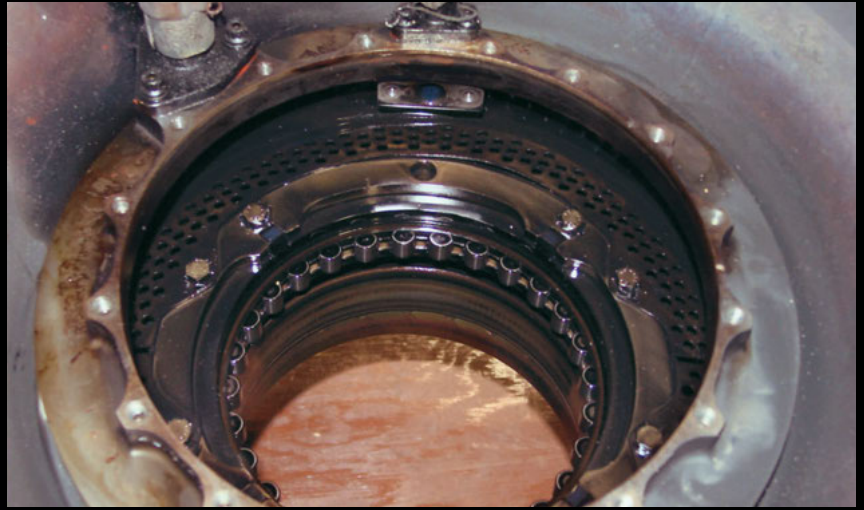
Technology by ExxonMobil

# PW 2040

## No. 5 bearing/carbon seal housing



Mobil Jet™ Oil II. PW 2040 engine.



Competitive Type II oil. PW 2037 engine.

## Conclusion

Actual in-service performance is the final and most important indicator of how well oil keeps a jet engine running. Mobil Jet Oil II lubricant has provided outstanding performance in aircraft-type turbine engines for more than 50 years. It is the lubricant of choice for many of today's leading airlines.

A comparison of Mobil Jet Oil II lubricant and a competitive Type II standard oil in two Pratt & Whitney engines confirmed Mobil Jet Oil II lubricant's outstanding performance.

## For more information

Please contact your ExxonMobil aviation sales representative.