

# SNECMA CFM56-7 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 SNECMA CFM56-7 engine confirmed its capabilities.

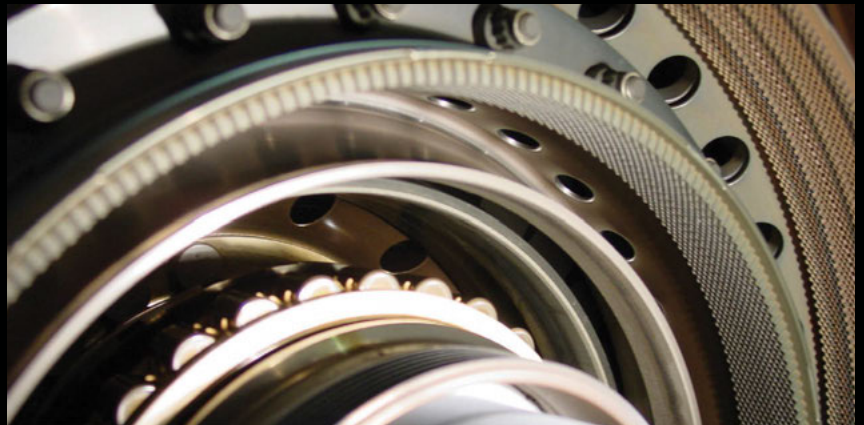
## Engine inspection details

Operator	Major airline
Aircraft type	Boeing 737
Engine hours	19,745 (Total time)
Engine cycles	18,865 (Total cycles)
Oil change	From competitive oil at approximately 4,000 hours
Removal	Scheduled – low pressure turbine cycles

## Inspection results

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

- 1** Oil-wetted components and engine O-rings were in excellent condition.
- 2** No oil leakage past No. 5 rear sump cover, and no deposits inside No. 5 oil lines.
- 3** Shop personnel and airline engineering staff judged engine's condition "very good."
- 4** Oil deposits levels considered very low for this engine.



No. 4 bearing in housing on LPT shaft. Very good condition. Negligible deposits.

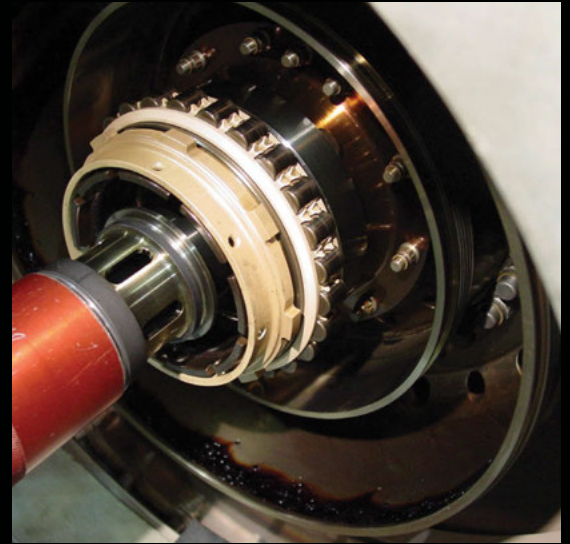
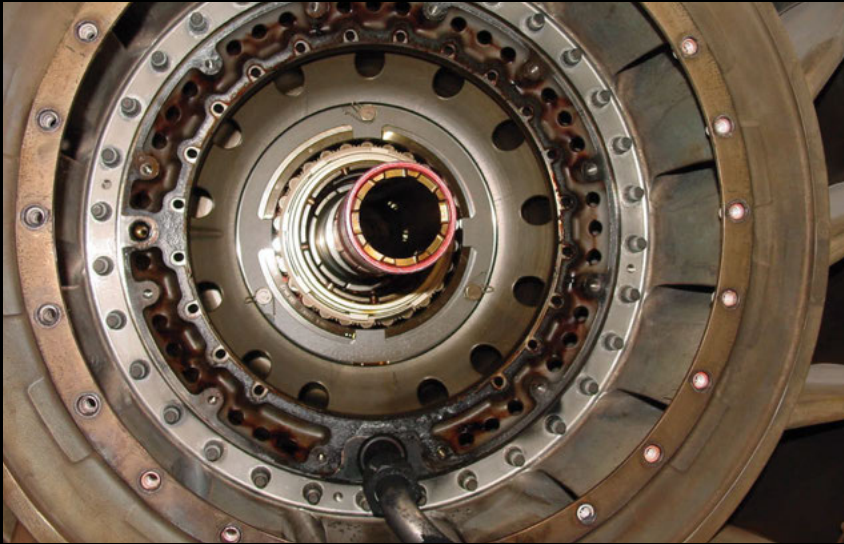


No. 5 bearing rear sump cover. Negligible deposits inside. Some light varnish deposits on flange indicating typical oil leakage from gaskets. Soot deposits from leakage on outside.

**Mobil Jet™**

Technology by ExxonMobil

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**No. 5 bearing in housing.** Very good condition. Small areas of light varnish and carbon deposits around outer circumference of housing.

## 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 SNECMA CFM56-7 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.