

Mobil Jet™ Oil II

Legendary second generation oil helps extend engine life and reduce maintenance costs.

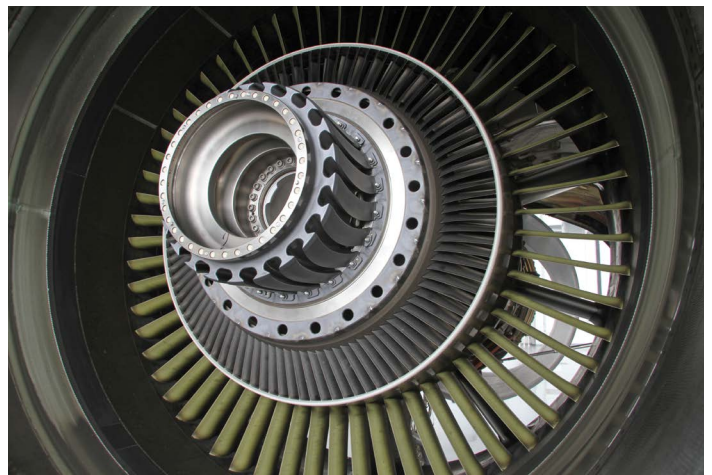
Mobil Jet™ Oil II has an extensive history of trouble-free performance in aircraft-type gas turbine engines.

Approved under SAE AS5780 Standard Performance Capability (SPC) and the Standard Performance (STD) classification of U.S. Military Specification MIL-PRF-23699, Mobil Jet Oil II is recommended for turbojet, turbofan, turboprop, and turboshaft (helicopter) engines used in commercial and military service.

Ongoing laboratory testing and engine inspections confirm the oil's ability to handle extreme speed, temperature, and other stress without breaking down or forming deposits.

Mobil Jet Oil II is the lubricant of choice for many of the world's airlines. It helps:

- Keep oil systems clean
- Maintain engine efficiency
- Extend engine, gear and bearing life
- Lower oil consumption, and
- Reduce cost of engine maintenance



Mobil Jet™ Oil II helps control deposits, keeping aircraft-type gas turbine engines clean and operating efficiently.

ExxonMobil Aviation maintains quality control from raw materials to the finished product.

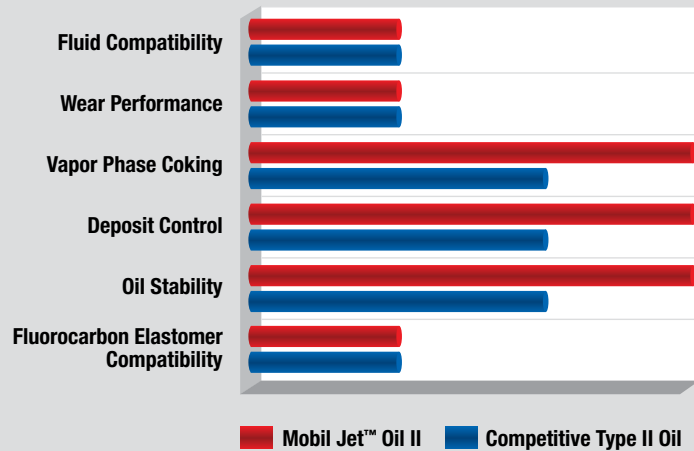
We manufacture the high-quality basestocks and many of the additives used in formulations and blends, and also package the finished product.

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Mobil Jet™ Oil II – Performance

Superior Performance in Key Areas



Exceptional Seal Compatibility

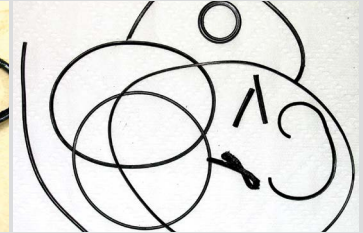
Mobil Jet™ Oil II in Honeywell TSCP 700 ↓



O-Ring Seals

Since Last Repair:
2,891 Hours; 2,638 Cycles

Competitive HTS Oil in Honeywell TSCP 700 ↓



O-Ring Seals

Since Last Repair:
3,221 Hours; 2,197 Cycles

- O-rings lubricated with Mobil Jet Oil II were in excellent condition and pliable
- O-rings lubricated with competitive HTS oil were in poor condition; some were spongy, brittle or broken

Outstanding Cleanliness

Mobil Jet™ Oil II in IAE V2500 ↓



No. 3 Bearing

Total Engine Hours: 35,937
Total Cycles: 16,478

Competitive Type II Oil in IAE V2500 ↓



No. 3 Bearing

Total Engine Hours: 13,588
Total Cycles: 5,355

- "Black oil" condition not seen in engine operating on Mobil Jet Oil II despite significantly more hours and cycles

Superb Stability

Mobil Jet™ Oil II in GE CF34 ↓



No. 5 Carbon Seal and Bearing

Total Engine Hours: 17,991
Total Cycles: 14,988

Competitive Type II Oil in GE CF34 ↓



No. 5 Carbon Seal and Bearing

Total Engine Hours: 14,497
Total Cycles: 12,592

- Components lubricated with Mobil Jet Oil II were in excellent condition with negligible deposits
- Components lubricated with competitive Type II oil exhibited moderate to heavy deposits; No. 7 carbon seal was cracked

For more information on Mobil Jet™ Oil II and our other nose-to-tail aviation lubricant solutions, contact your local ExxonMobil Aviation representative or learn more at exxonmobil.com/aviation.