

## Performance profile

# Mobil Jet™ Oil II

### Potential advantages and benefits

1

Maintain engine cleanliness

2

Optimize seal life

3

Minimize oil consumption

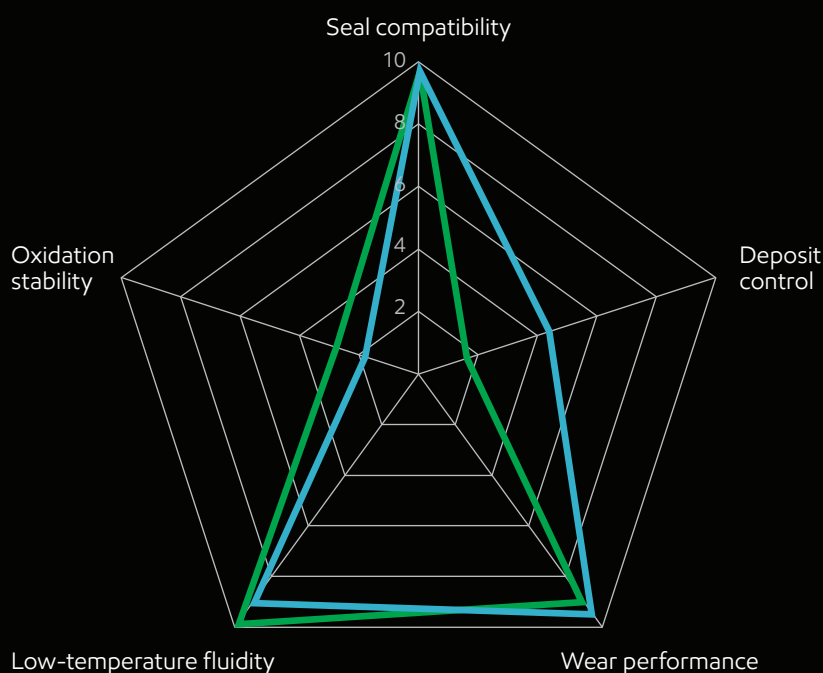
4

Extend engine, gear and bearing life

5

Reduce unscheduled maintenance and costs

### Stronger performance



This legendary, hassle-free, second-generation oil helps keep engines clean and operating at peak efficiency. Laboratory tests and engine inspections confirm it can handle extreme speeds, temperatures (up to 204°C/400°F) and stresses without breaking down.

### Did you know?

Mobil Jet Oil II has more than five decades of flight experience, accruing

**5+ billion hours** of on-wing performance.

— Mobil Jet Oil II  
— Competitive STD

**Mobil Jet™**

Technology by **ExxonMobil**

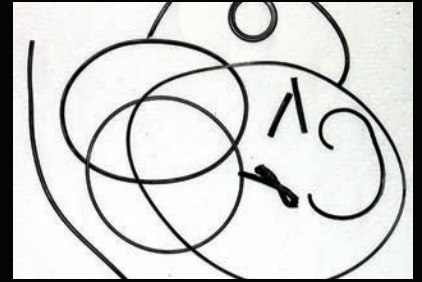
# Mobil Jet™ Oil II

## Exceptional seal compatibility

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



**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

## Outstanding cleanliness

Despite more hours and cycles, the engine operating on Mobil Jet Oil II lubricant showed exceptional cleanliness compared to the engine lubricated with competitive Type II Oil.



**Mobil Jet Oil II in IAE V2500**  
No. 3 bearing  
Total engine hours: 35,937  
Total cycles: 16,478



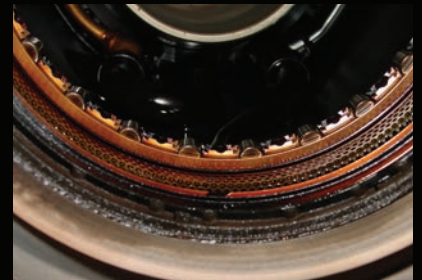
**Competitive Type II oil in IAE V2500**  
No. 3 bearing  
Total engine hours: 13,588  
Total cycles: 5,355

## Superb stability

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



**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

## For more information

Please contact your ExxonMobil aviation sales representative.