



Performance profile

Mobil Jet™ Oil 254

Potential advantages and benefits

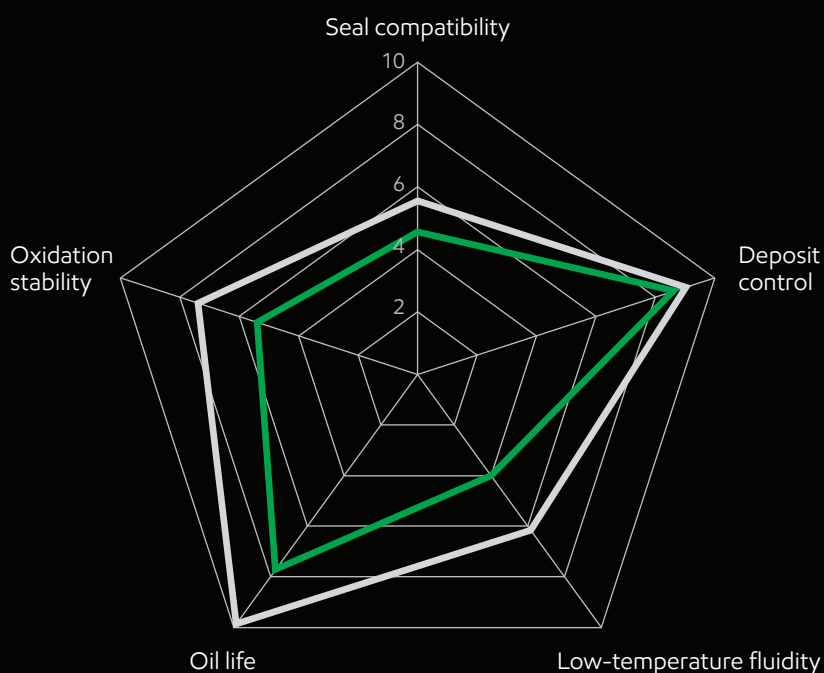
1 Control carbon coking and deposit formation

2 Reduce consumption costs due to evaporative loss

3 Protect engines at high operating temperatures

4 Low-temperature startup as low as -40°F

Enhanced engine cleanliness helps keep costs down



This high thermal stability (HTS) oil was formulated to deliver the higher-temperature bulk oil and improved resistance to deterioration and deposit formation compared to Standard Type II oils.

Did you know?

Mobil Jet Oil 254 has more than
30 years
of proven performance.

— Mobil Jet Oil 254
— Competitive HTS

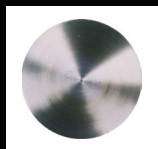
Mobil Jet™

Technology by **ExxonMobil**

Mobil Jet™ Oil 254

Outstanding deposit control

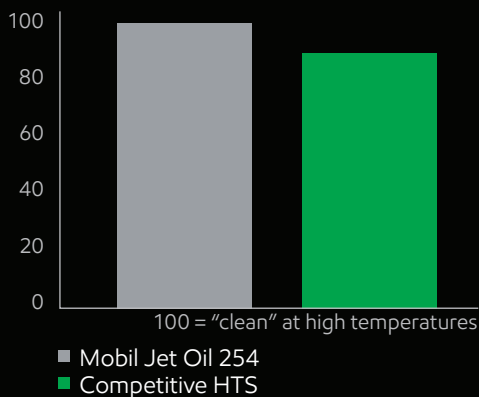
Thin Film Oxidation test* predicts oil's ability to resist deposit formation when subjected to extreme temperatures and oxidation. Test correlates with known field performance in turbine bearing and seal compartments. Mobil Jet Oil 254 lubricant had outstanding performance, scoring 97 out of 100, vs. competitive HTS and Standard Oils tested.



Mobil Jet Oil 254

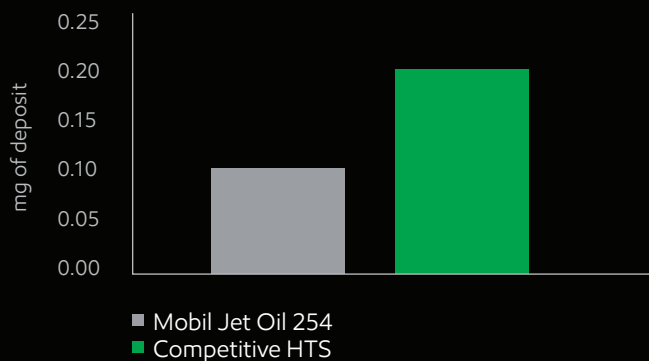


HTS oil

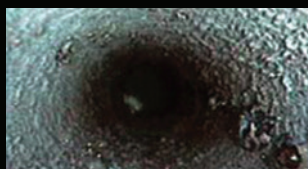


Excellent resistance to coking

The Hot Liquid Process test* indicates an oil's likelihood of forming deposits in a fully flooded region of the engine. The higher the deposit weight, the greater the oil's propensity to coke in oil pressure lines. ExxonMobil Research and Engineering test results revealed 50 percent less deposits for Mobil Jet Oil 254 lubricant compared to the competitive HTS oil.



Exceedingly clean

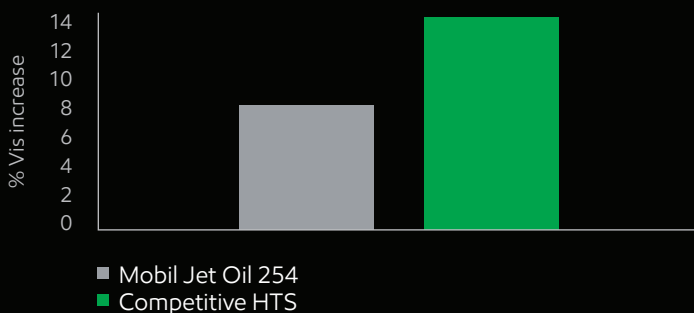


An inspection performed on a first-run CFM56-7B engine confirmed that Mobil Jet Oil 254 lubricant helped reduce the formation of carbon and sludge deposits in this highly stressed engine with 31,318 hours and 13,581 cycles.

The aft sump of the supply line showed no significant deposits despite the engine's high number of hours and cycles, demonstrating Mobil Jet Oil 254's outstanding performance in a notoriously demanding section of the engine.

Exceptional high-temperature stability

Oxidation & Corrosion testing indicate an oil's resistance to oxidation and corrosion degradation and its propensity to corrode metals. ExxonMobil Research and Engineering testing showed that, when compared with a competitive HTS oil, Mobil Jet Oil 254 offers a 40 percent advantage in high-temperature bulk oil stability.



For more information

Please contact your ExxonMobil aviation sales representative.

*Proprietary ExxonMobil Research and Engineering test

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