

# Over 400 million hours of trust added to every can

Eastman Turbo Oil 2197™



Hydrolytic stability



Thermal stability



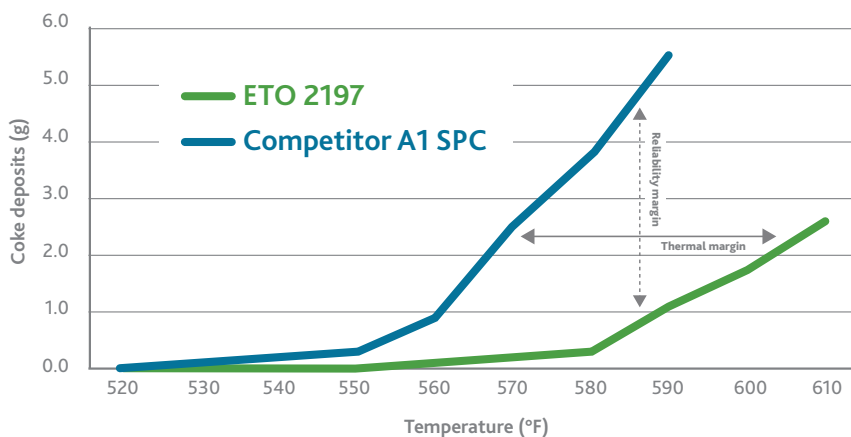
Proven performance

The leading high performance capable (HPC) oil in service today, Eastman Turbo Oil 2197™ (ETO 2197) was developed to meet the needs of the most demanding turbine engines, offering best-in-class high-temperature performance. It is the only commercial turbine oil using a purpose-designed hydrolytic stability additive to prevent chemical breakdown of oil base stock. Approved by all leading engine manufacturers, ETO 2197 includes a high performance antioxidant system, providing best-in-class thermal stability.

## Thermal stability

ETO 2197 provides maximum thermal stability versus standard oils (30°F or greater). Its high performance antioxidant system provides maximum protection, preventing oil breakdown and formation of damaging coke deposits.

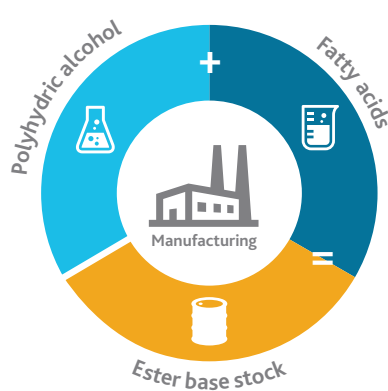
### Coke formation



Thermal stability provides critical thermal and reliability margins, especially in high-thermal-stress engines.

# Hydrolytic stability

Superior product performance is in the details.



- Turbine ester base stock is comprised of polyhydric alcohol and fatty acids.

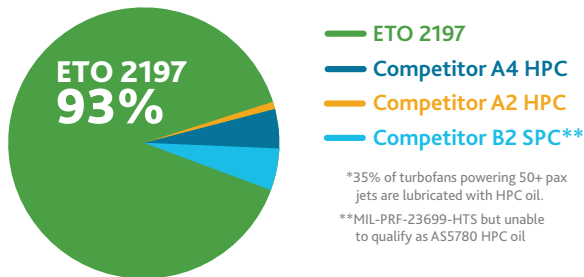


- Over time, heat and moisture can cause degradation, reversing base stock chemistry to release fatty acids.
  - Increased viscosity → oil thickens
  - Increased acidity → unpleasant odors
  - Oil darkening
  - Coke deposits → potential tube blockage

## Proven performance in action

With 93%\* of the market share, 450 million hours of proven in-flight service, and reliability you can trust, ETO 2197 is the natural choice.

### HPC oils used in turbofan engines\*



\*35% of turbofans powering 50+ pax jets are lubricated with HPC oil.  
 \*\*MIL-PRF-23699-HTS but unable to qualify as AS5780 HPC oil

For more information about Eastman Turbo Oil 2197™, visit [Eastman.com/ETO2197](http://Eastman.com/ETO2197).

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