

Over 400 million hours of trust added to every can

Eastman Turbo Oil 2197™



Hydrolytic stability



Thermal stability



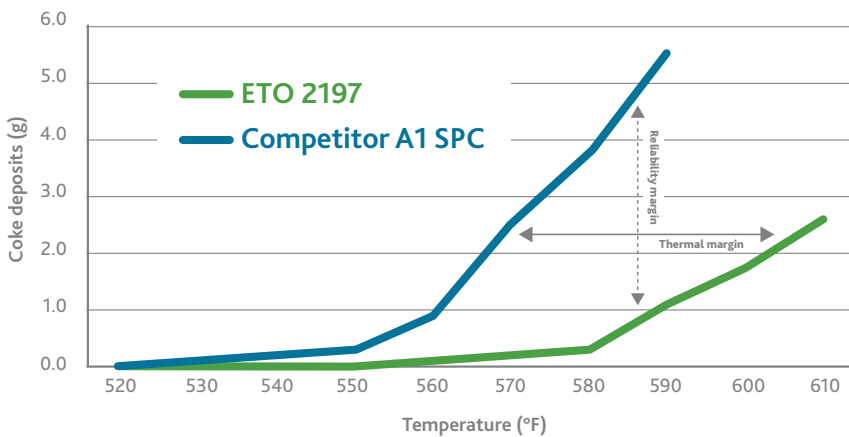
Proven performance

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.

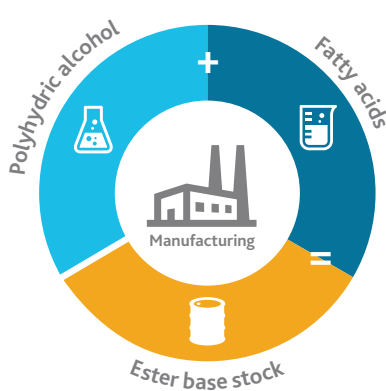
Coke formation



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.

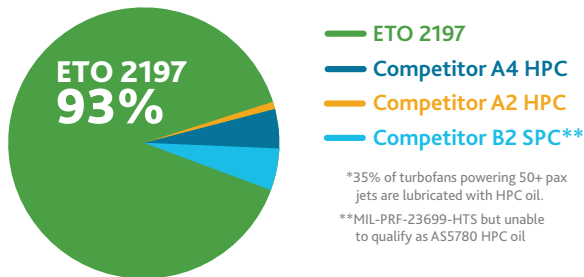


- Over time, heat and moisture can cause degradation, reversing base stock chemistry to release fatty acids.
 - Increased viscosity → oil thickens
 - Increased acidity → unpleasant odors
 - Oil darkening
 - Coke deposits → potential tube blockage

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.

EASTMAN
 The results of insight™

Eastman Corporate Headquarters
 P.O. Box 431
 Kingsport, TN 37662-5280 U.S.A.

U.S.A. and Canada, 800-EASTMAN (800-327-8626)
 Other Locations, +(1) 423-229-2000

www.eastman.com/locations

Although the information and recommendations set forth herein are presented in good faith, Eastman Chemical Company ("Eastman") and its subsidiaries make no representations or warranties as to the completeness or accuracy thereof. You must make your own determination of its suitability and completeness for your own use, for the protection of the environment, and for the health and safety of your employees and purchasers of your products. Nothing contained herein is to be construed as a recommendation to use any product, process, equipment, or formulation in conflict with any patent, and we make no representations or warranties, express or implied, that the use thereof will not infringe any patent. NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS AND NOTHING HEREIN WAIVES ANY OF THE SELLER'S CONDITIONS OF SALE.

Safety Data Sheets providing safety precautions that should be observed when handling and storing our products are available online or by request. You should obtain and review available material safety information before handling our products. If any materials mentioned are not our products, appropriate industrial hygiene and other safety precautions recommended by their manufacturers should be observed.

© 2019 Eastman. Eastman brands referenced herein are trademarks of Eastman or one of its subsidiaries or are being used under license. The ® symbol denotes registered trademark status in the U.S.; marks may also be registered internationally. Non-Eastman brands referenced herein are trademarks of their respective owners.