



Pacific Functional Fluids, L.L.C.  
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## Triatherm 550LP

**Product Description** – Triatherm 550LP is a synthetic high performance heat transfer fluid exhibiting outstanding thermal and oxidative stability. Triatherm 550LP has superior fluid properties that will withstand demanding and multiple cycle heating as well as cooling conditions ranging from – 15°F to 550°F.

**Recommended optimal temperature range**

Liquid phase operation: -26°C to 288°C (-15°F to 550°F)

**Typical Properties**

Property	Typical Analysis
Appearance	Bright & Clear
Water content, ppm	20
Pour Point, °C	- 45
Auto ignition Temperature, °C	340
Color, ASTM	1
Gravity, 15 °C	0.8723
Flash Point, COC, °C	185
Pour point, °C	-40
Distillation, initial boiling point, °C	270

*Typical product data are given. These data do not constitute a supply specification.*

**Availability** – Triatherm 550LP is available in 55-gallon drums, totes, and bulk tank truck quantities.

**Product Features**

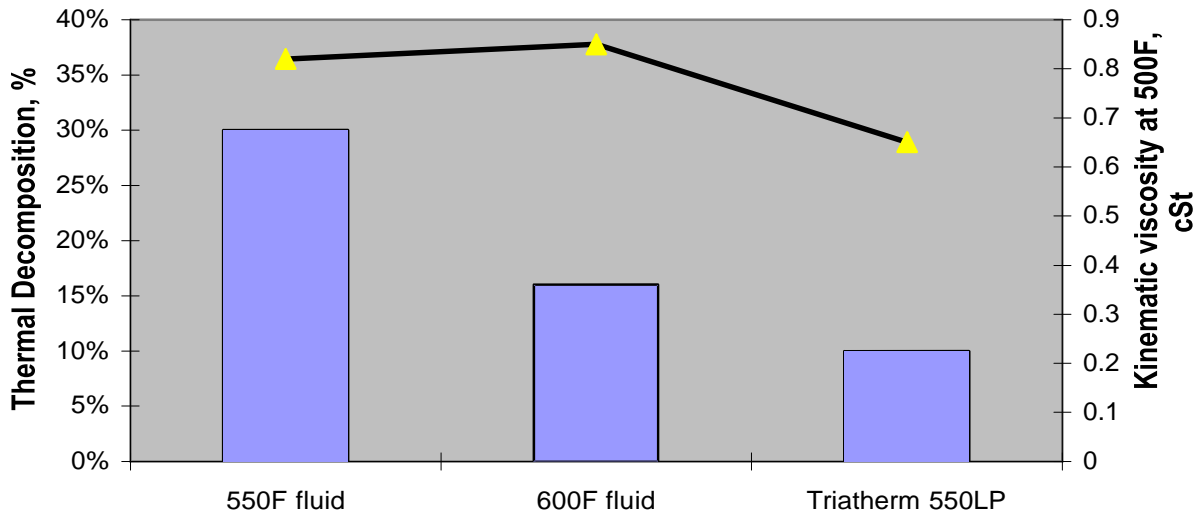
**Proven performance** – Triatherm 550LP delivers efficient, dependable, and uniform process heat and offers extended usage life due to inherent thermal stability that is significantly better than traditional petroleum-based products. It has favorable flash and boiling points that help reduce the volatility hazards and fluid leakage problems associated with other fluids. In addition, Triatherm 550LP provides far greater solvency

The data presented herein are believed to be accurate; however, Pacific Fluids shall not be liable for its content and makes no warranty with respect thereto. Because the conditions of the intended use varies and may differ from time to time and beyond our control, the recipient(s) shall verify the claims herein and verify its suitability of purpose prior to use. In no event shall Pacific Fluids be responsible for damages of any nature resulting from the use of or reliance upon the information, or the product that conforms to the specification(s)

than petroleum-based products. This is highly desirable to effectively contain and circumvent the detrimental impacts of sludging/fouling from thermal/oxidative decomposition.

**Interchangeability** – Triatherm 550LP fluid is compatible with other 550°F high temperature liquid -phase synthetic and petroleum-based products.

**Thermal Stability testing of Heat Transfer Fluids** – A comparison of Triatherm 550LP with traditional mineral and hydrocracked based heat transfer fluids:



**Health, safety handling and disposal**

Please consult the material safety data sheet with regard to Triatherm 550LP health and safety handling guidelines. Triatherm 550LP fluid does not present an appreciable health hazard when used in accordance with the necessary precautions/handling procedures given in MSDS. Although no serious pollution hazards exist, provisions must be made to prevent discharge into public waters. In addition, disposal of fluids after use must be in accordance with applicable Federal, State and Local regulations.

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