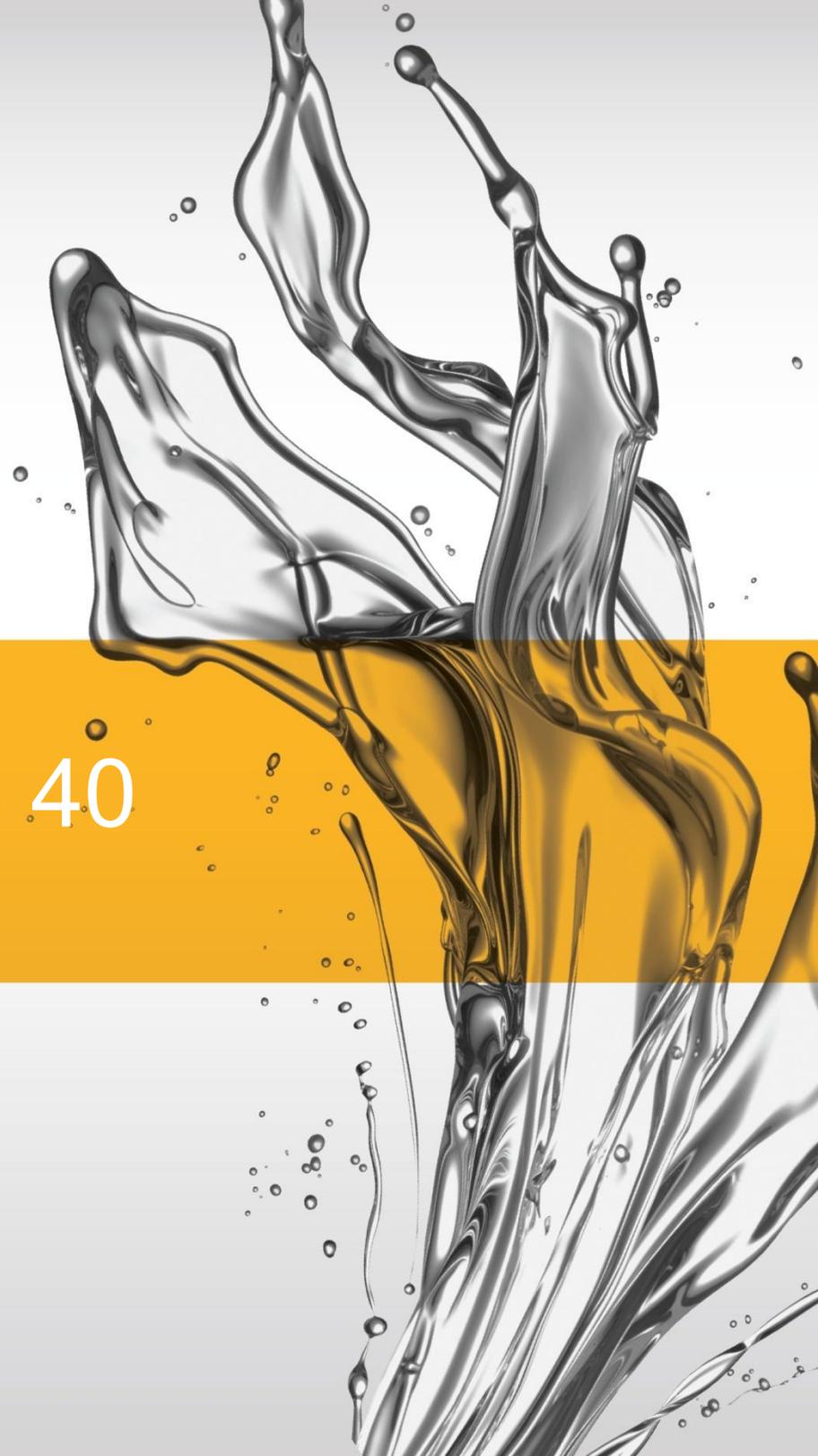




SL Thermal Plus FG 40

Synthetic Lubricants & Filters, inc.
7401 University Dr., Shreveport, LA 71105
Phone: 855-215-2740
Fax: 318-797-3335 - www.sfi.net



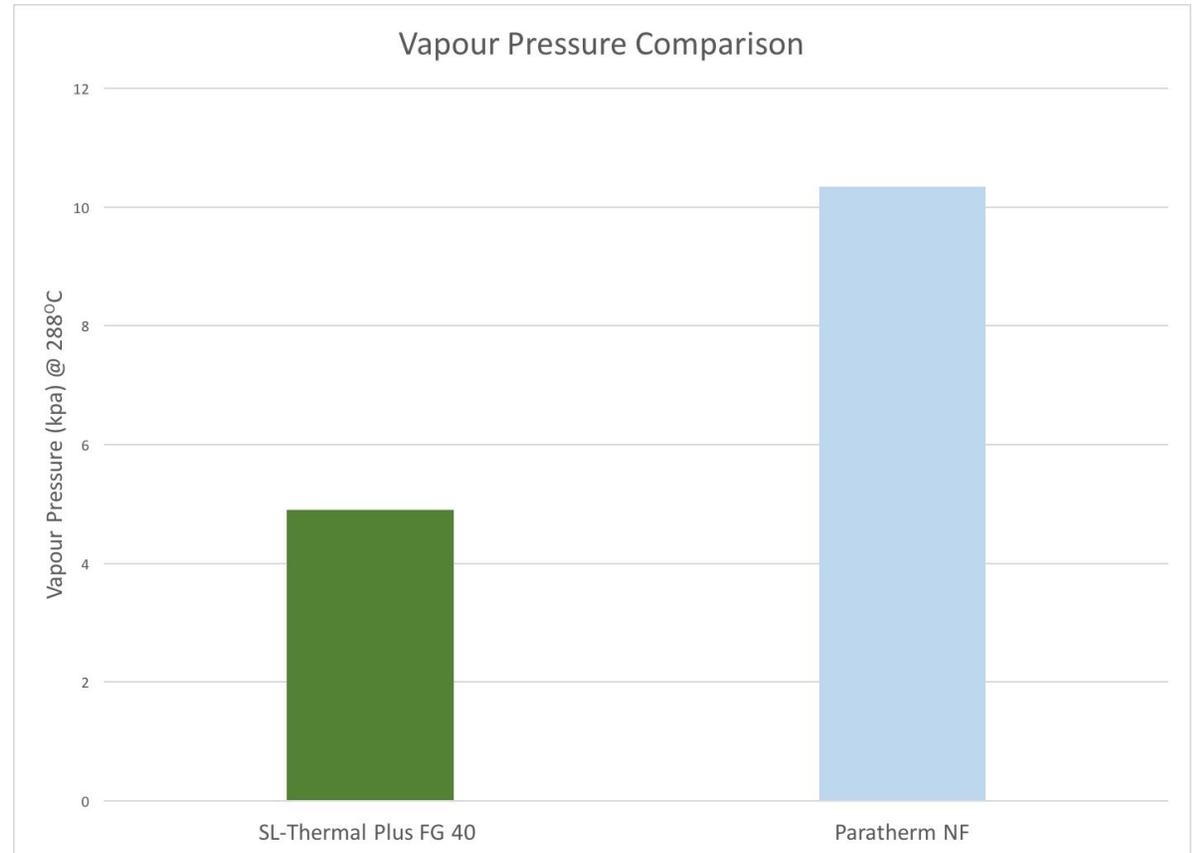
Advantages of SL-Thermal Plus FG 40

- Higher flash and fire points
 - Less chance of clogged and carboned lines which can lead to reductions in heat transfer efficiency
 - Compliant with new EU regulations without decreasing system efficiency
- Much longer life at temperatures above 260°C
- Very low carbon forming tendencies
- Very low vapor pressure
 - Less chance of cavitation
 - Significant reduction in fluid loss from leaks and expansion tank losses
- Exceptional thermal stability
 - Maintains a higher flash point longer
 - Resists thermal breakdown
- Enhanced heat transfer at elevated temperatures
 - Greater heat capacity and thermal efficiency
 - Less pump pressure loss
- Non-toxic/Non-hazardous



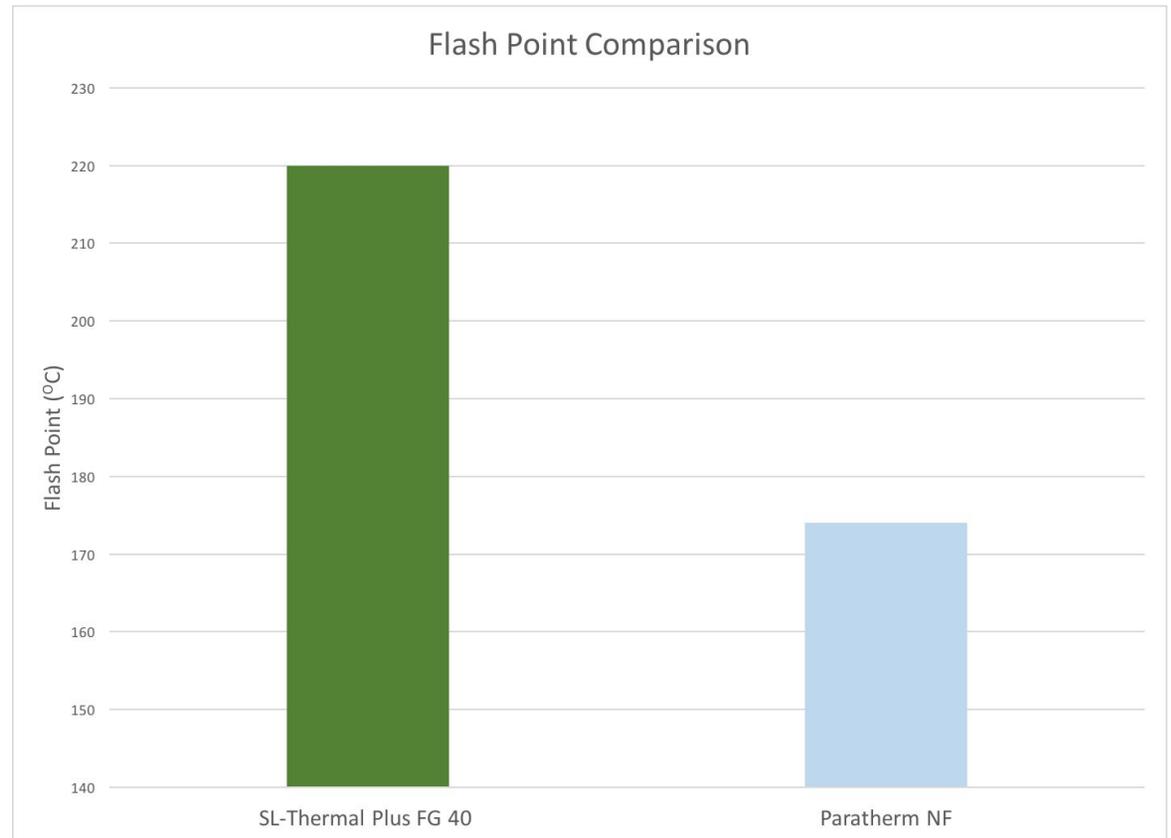
Advantages of SL-Thermal Plus FG 40 – Lower Vapour Pressure

- SL-Thermal Plus FG 40 has a much lower vapour pressure than Paratherm NF. This Improves heat transfer efficiency and reduces:
 - Pump cavitation
 - Odors
 - Fire hazards



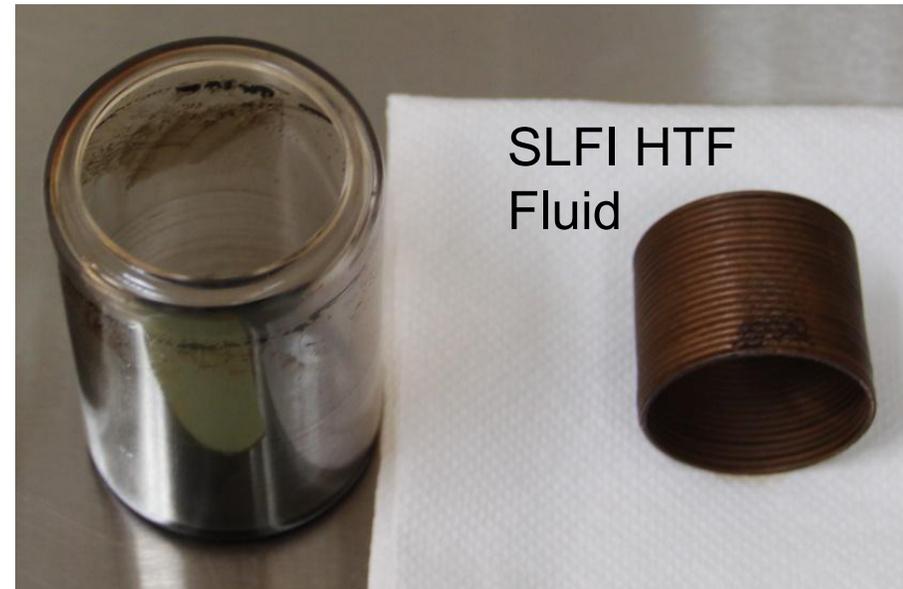
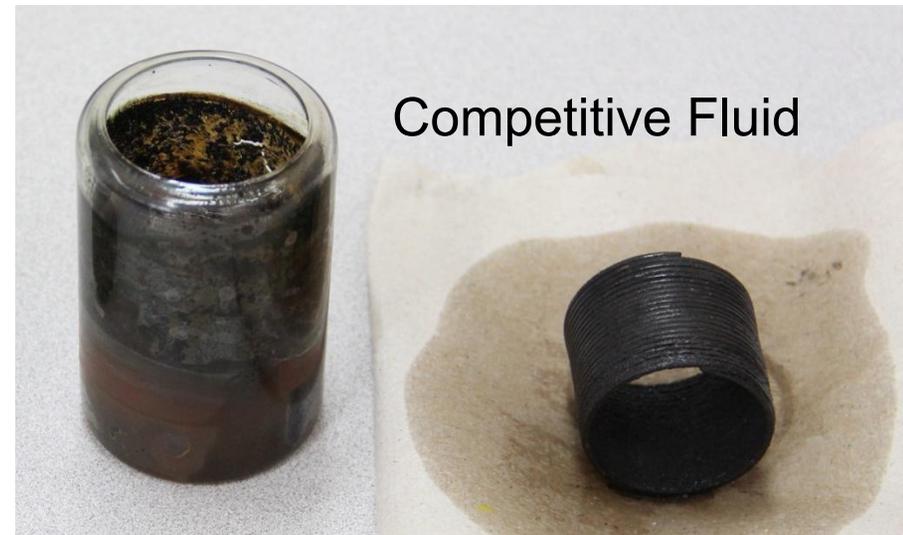
Advantages of SL-Thermal Plus FG 40 – Flash Point

- SL Thermal Plus FG 40 has a very high flash point
- Many fire brigades now require that HTF systems operate **below** the flash point of the HTF
- SL Thermal Plus FG 40 permits a higher and more efficient operating temperature



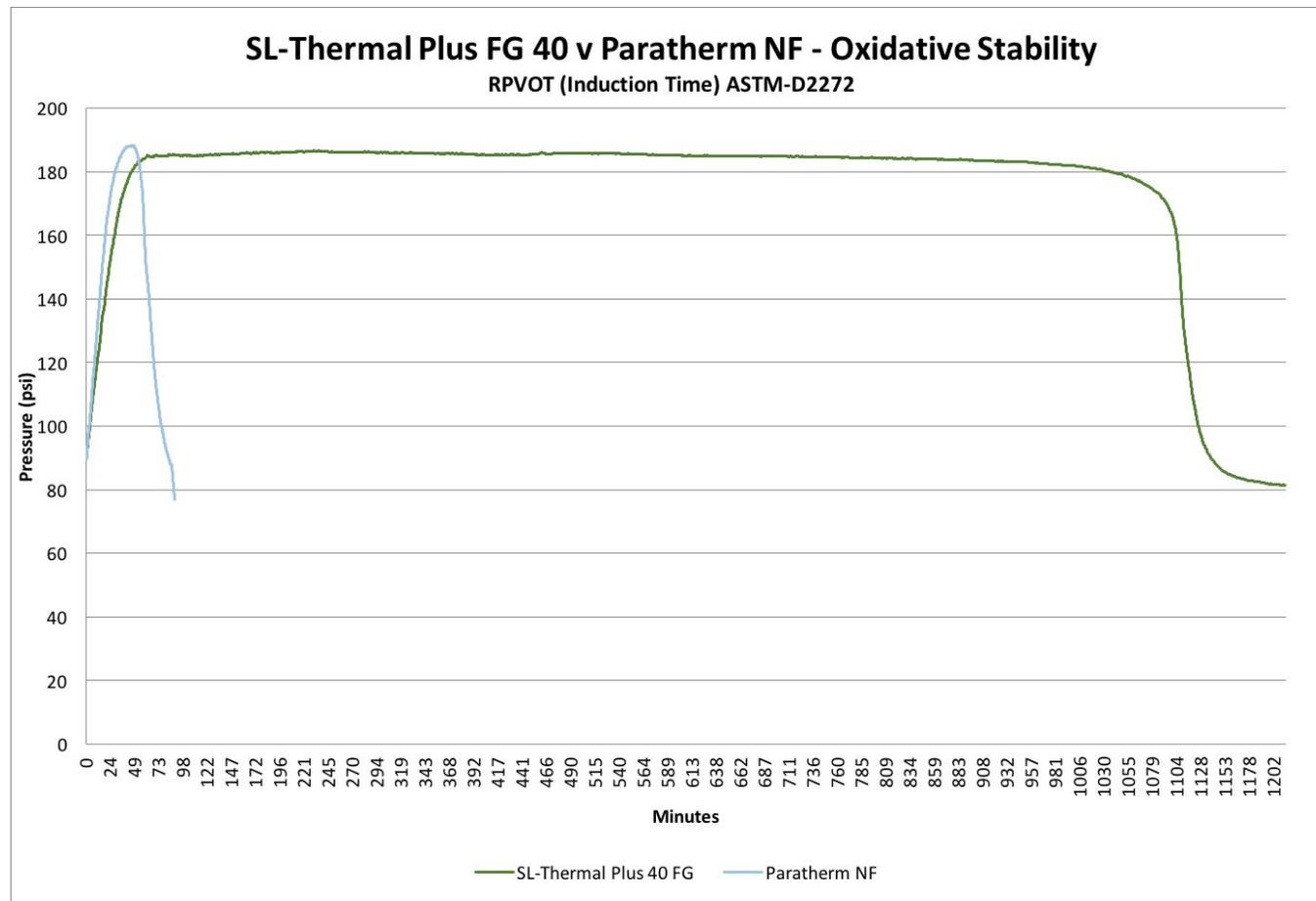
Oxidation - RPVOT

- Accelerated oxidation test.
- Used to assess fluid life and carbon/varnish potential.
- Vessel heated and rotated with a lubricant sample, water, copper coil and pure Oxygen
- Test ends after 25 psi pressure drop has been recorded
- Measured in minutes of time run.
 - Longer time = better fluid life
- After the test is complete the copper coil is examined and the fluid is decanted and filtered



Advantages of SL-Thermal Plus FG 40 – Lower Vapour Pressure

- SL Thermal Plus FG 40 offers superior oxidative stability and thus a longer fluid life
- SLFI has lower carbon and varnish forming tendencies



Other SLFI Heat Transfer Fluids By Application

Product #	Key Attribute
SL-HTF-DE	<ul style="list-style-type: none">• For applications up to 630^oF• Extremely thermally stable formulation
SL-HTF-32-FG	<ul style="list-style-type: none">• Food grade formulation• For applications up to 630^oF



Thank you!

Thank you for your time!

Questions?

