



## PRESS RELEASE

FOR IMMEDIATE RELEASE

### **Paratherm's New GLT™ Heat Transfer Fluid: Thermally Stable & Lower Minimum Startup Temperatures**

**West Conshohocken, PA – USA – September 24, 2009** - The new Paratherm GLT™ heat transfer fluid is a thermally stable, economical and high-performance solution for operations with both high and low temperature processes. Formulated for closed-loop, liquid-phase heating systems to 550°F using fired heaters and to 575°F in waste-heat recovery systems, it also provides a lower minimum start-up temperature 18°F (-6°C) than any mineral-oil based fluid covering a similar temperature range. Minimum start-up temperature is a realistic measure of a fluid's low temperature capability since 300 cps is the maximum viscosity a centrifugal pump can handle.

The combined high and low temperature characteristics of this fluid were originally engineered to meet the specific needs of customers in the gas-processing industry. "The product was well received at the GPA Show (Gas Processors Association) in San Antonio," said Jed Seybold, Paratherm Business Development Manager, "we gained contracts for new plants in the Southwest because of the thermal stability and broad temperature range. Customers also really appreciated our ability to deliver the product quickly because of our regional distribution locations."

Jim Oettinger, Director of Technology at Paratherm, spearheaded the development of this fluid which was completed in less than a year. The engineering team set out and found a specific chemical to meet the high and low temperature needs. Formulation and testing were done in-house, and then the product was submitted for the Standard Test Method for Thermal Stability in Heat Transfer Fluids (ASTM D6473). <http://www.paratherm.com/Paratherm-GLT/Paratherm-GLT-synthetic-heat-transfer-fluid.asp> [Paratherm GLT \_title\_ Paratherm GLT Heat Transfer Fluid Web Page] exhibited 40% less degradation than a widely used competitive fluid when exposed to 600°F (316°C) in the "bomb test" which seals the fluid in a stainless-

steel vessel or "bomb", and then heats the fluid to a specific temperature for 500 hours, at which point the remaining fluid is analyzed for degradation. Less degradation provides the significant advantage of less maintenance and longer fluid life.

Paratherm's efforts have long been focused on their clients' applications, systems and operations with expert assistance and quick turnaround being top priorities. The firm's belief in advising customers with responsiveness and expertise is embodied in the long-standing company slogan, "Engineering...not voicemail." Orders can be filled quickly and in urgent situations very quickly, because the company stocks [http://www.paratherm.com/heat\\_transfer\\_fluids.asp](http://www.paratherm.com/heat_transfer_fluids.asp) [heat transfer fluids \_title\_ Paratherm's Heat Transfer Fluids Page] and hot-oil system cleaners in half-a-dozen North American locations and overseas in Europe, South America and Asia.

For information on Paratherm fluids for hot and cold process applications – contact Andy Andrews ([AndyAn@paratherm.com](mailto:AndyAn@paratherm.com)) at Paratherm Corporation, 4 Portland Road, West Conshohocken, PA 19428. 800-222-3611 or 610-941-4900, (Fax 610-941-9191), [info@paratherm.com](mailto:info@paratherm.com) – [www.paratherm.com](http://www.paratherm.com).

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