

## Our Blog Got a Face Lift

It's new, it's fresh and it's made just for you, our valued member of the Paratherm community.

You already know that Paratherm provides premium heat transfer fluid and backs it up with expert technical support and superior 24/7 service. We've been your comprehensive source for service and supplies for over 30 years. From the beginning, you've known Paratherm will exceed your expectations at the plant— and on the web.

You've seen our website, our microsites, our state-of-the-art online calculator for thermal properties (results available in Fahrenheit and Centigrade), and our resource library.

But have you seen Paratherm's new blog?

It's up-to-date and full of fresh insights that may come in handy on the job. You could learn something new about the history of engineering, industrial safety, the food industry, the asphalt industry, gas and oil, liquid terminals and tankage, even lifestyle topics.

Let us know what you think. Visit our blog at [thermal-fluids.com](http://thermal-fluids.com). We'd love to hear from you. Have an idea for a blog article? Send us a note at [info@paratherm.com](mailto:info@paratherm.com)

We're Paratherm: fluid technology, solid service.

## A Note from Our Business Director:

As a part of the Lubrizol company, we at Paratherm are proud to make Sustainability a priority.

Under the theme of "Inspiring Sustainability, Improving Lives," Lubrizol is delivering on our commitment to making the world a better place. It reflects our broad view of sustainability, encompassing Environmental, Social, Governance and Ethics, and Economic (ESG+E) topics.

In the area of Environmental, Health and Safety, the Paratherm office is presently moving towards RC14001 certification, which will provide excellent governance in these key Sustainability areas. We have had four years now of Zero Accidents and Zero Lost Time in the Paratherm office. These statistics are important as we work to assure day to day safety for our employees. In this **In the Loop** Issue, we mention how we actively engage in the Community by serving those who are in need of assistance. Recently, we celebrated Earth Day in April. One of the main purposes of Earth Day is to unite people of many different cultures for a single purpose, to care for the earth.

We want to share our success with Sustainability with each of you, our customers. If you would like to learn more about the Lubrizol Sustainability story, please see the [Lubrizol.com](http://Lubrizol.com) website for more information.

As always, thank you for your business!



*Ed Delate*  
Ed Delate



HEAT TRANSFER FLUIDS • SYSTEM CLEANERS • APPLICATIONS • SERVICES • RESOURCES • ABOUT US • CONTACT US

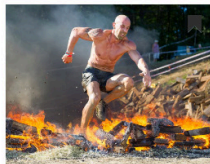
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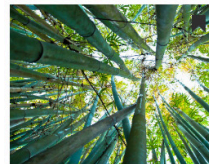
EVENTS, HEAT TRANSFER FLUIDS, NEWS  
**Fluid Flow Dynamics Webinar Now Available to Stream...Here!**  
On May 17, 2017 Paratherm's Product Manager Ryan Ritz presented The Effects of Fluid Flow Dynamics on Thermal Fluid Performance. The one-hour webinar was presented live, and then was available to...



HEAT TRANSFER FLUIDS, PEOPLE, SAFETY  
**Run a Thermal System, Run a Marathon**  
Guest Post by Luke Nowlan, Paratherm Summer Intern 2017 Here in Pennsylvania, everyone anticipates summertime, and it always seems to end prematurely. Summer entails a degree of relaxed ambience. People...



EVENTS, HEAT TRANSFER FLUIDS, LIQUID TERMINALS AND TANKAGE, NEWS, INDUSTRIAL PROCESSING  
**Paratherm in 2017: The Year of LIVE**  
"LIVE Fluid Analysis...At Paratherm's Training Event." (Subject Line of Recent Paratherm Email Invitation to Customers) Paratherm has always understood the importance of face time and "live" time with customers and...



HEAT TRANSFER FLUIDS, INDUSTRIAL PROCESSING  
**Paratherm Looks Toward Growth**  
As the market and the world around us change, we know that we need to work flexibly within all aspects of the manufacturing industry. Every year at Paratherm we embark...





## The Warmth of Giving

**P**aratherm is proud of the service we provide to those we supply in multiple industries worldwide. It's that type of service that we're known for in the over 30 years we've been in business. Over the past few years, many of our employees have taken service to another level. We've been volunteering our time in our community and at various organizations.

Paratherm's team has made a couple of visits to Cradles to Crayons. They are a non-profit organization dedicated to children up to age 12 who live in homeless or low-income situations. During our visits to their Giving Factory, our team has helped assemble outfit packs for thousands of kids, worked on a project to prepare 30-thousand backpacks for the next school year, cleaned, scrubbed and assisted with some heavy lifting so they could make room in their warehouse. Recently, we visited Calvary Baptist Church of Norristown, PA. They have a soup kitchen, operating since 1992, that's called WELCOME (West End Lunch at Calvary on Mondays for

Everyone). Each Monday, 52 weeks a year, volunteers prepare and serve a nutritious meal for 60-80 of Norristown's homeless and housed poor. The program is subsidized by SHARE, an agency in Montgomery County that provides food to soup kitchens. They also receive financial

*Each monday, 52 weeks a year, volunteers prepare and serve a nutritious meal for 60-80 of Norristown's homeless and housed poor.*

donations from church members and other churches, as well as donations of desserts and bread from Giant Food Stores in King of Prussia.

While we were at Calvary, Susan Zeager, a fifth generation member of Calvary Baptist and church volunteer at the soup kitchen proudly showed our group around the sprawling church. Founded in 1887, Calvary was originally a stable and has since been expanded several times to the expansive

church we see today. Besides the large working kitchen and luncheon area at the soup kitchen, the church has a beautiful sanctuary, meeting room and day care facility along with many classrooms. During our time at Calvary, we helped to prepare lunch, assisted in setting up the eating area, served and greeted guests and then helped to clean up.

All of the volunteer staff were so energetic and welcoming. They all have an effortless routine and are so organized setting up each week. That's pretty impressive, since the average age of the volunteer was 70. We all left with a greater respect for the time and energy they dedicate each week and were grateful for the perspective gained while participating.

We set out to give back to our community, but we got back so much more. Thankful for what we have and appreciative of those who serve around us.







## Product Spotlight— Paratherm™ GP

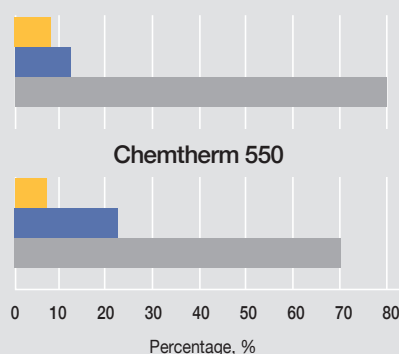
*A dedicated fluid for the  
Gas & Oil Industries.*

Paratherm GP is a premium heat transfer fluid carefully engineered for extended performance in closed-loop liquid-phase thermal fluid heating systems. It inherently resists thermal cracking and fouling of heat transfer surfaces even at high operating temperatures.

Paratherm GP is chemically equivalent to Chemtherm 550, but has proven stability advantages over Chemtherm 550. Paratherm GP is suitable for replacing or topping off systems running Chemtherm 550 or any other mineral oil-based heat transfer fluids.

ASTM D6743-THERMAL STABILITY-500HRS AT 650°F

Paratherm GP



■ Total Low Boilers ■ Total High Boilers ■ Usable Fluid Remaining

## Employee Spotlight—Paratherm Interns

**P**aratherm has long known the importance of sponsoring an internship program. Our very own Technical Director, Ryan Ritz, started here at Paratherm as an intern while attending University of Delaware 16 years ago. We have seen the benefits and appreciate what the intern program brings to us. In Ryan's case, we found a future leader who's contributed immensely to the Paratherm brand.

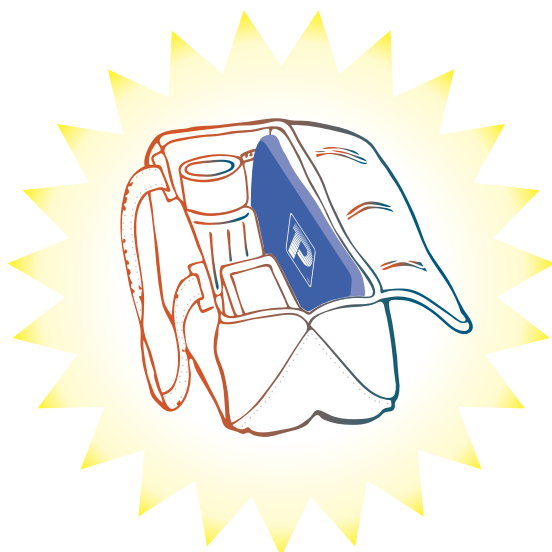
We also realize that hosting an intern program from a company perspective affords us a great ability to provide the superior service we so proudly stand for. We see the increase in productivity having an extra set of hands, but it also enhances our perspective with a fresh set of eyes.

Each intern that has crossed through our doors at Paratherm has brought their own special set of skills and strengths that helps us improve and challenges us to provide an enriching internship experience. One of our former interns recently stopped by for a visit before embarking on his new career and we talked about his experience and time here at Paratherm. Luke worked with us for two years during summer & winter breaks while earning his degree in Chemical Engineering from Villanova University. Luke says, "My internship with Paratherm helped me both academically and professionally. Having been exposed early-on to engineering concepts pertaining to heat transfer fluids, courses such as heat transfer and fluid mechanics came easy to me." During Luke's time here, his contributions to our customizable product data generator and knowledge database tools were a valued asset to our business that will be utilized for many years to come. According to Ed Delate, Paratherm's Business Director, "Luke did an excellent job of further supporting our technical team on key projects." When asked to summarize the impact of his time at Paratherm, Luke said, "My internship experiences provided me with a concrete understanding of how engineering concepts are applied in industry. Ed Delate, Ryan Ritz and many other advocates from Paratherm helped me navigate my early career and develop both professionally and personally. I certainly wouldn't be where I am today without their guidance and support."

Last May, we participated in a high-school level program which allows qualifying seniors the opportunity to work as an intern in their selected field for the last month of their senior year. Ian, a local high school senior, contributed to several impactful projects that were long overdue. He says, "I could not be happier that I decided to go to an office environment and get that experience that I won't be able to find in college. I got to read ASTM test methods and learned a lot more about Synthetic/Organic chemistry than I expected to. I also really valued the time I spent sitting down with each member of the team and learning how everyone works together to make Paratherm run smoothly." The Paratherm team universally enjoyed working with Ian and wish him all the best as he begins his collegiate experience.

## A LOOK AHEAD....TRADE SHOWS 2019-2020

November 13 -16, 2019	NORA, Naples Grande Beach, FL	Booth 400
March 12-13, 2020	PELICE, Atlanta, GA	Booth 626
April 15-17, 2020	NISTM, Orlando, FL	Booth TBA
June 8-10, 2020	ILTA, Houston, TX	Booth 532



## Is it Hot or Cold?

We hope you enjoy our featured gift this year! It's a multi-functional reusable Cold – Hot Pack. Use it for packing your lunch or keeping things cold on the go. This pack can also be used as a health aid since it features a convenient nylon covering that won't stick or irritate your skin. Heat it up for 20 seconds in the microwave to help soothe sore muscles. Or put it in the freezer and apply to areas of swelling for immediate relief.

This pack is a lot like us — **multifunctional**. We provide premier heat transfer fluids and superior service to our customers. Paratherm is known for responsive and tactile customer support and we are proud to serve a multitude of industries worldwide. It's that kind of support that distinguishes us from the others. We've been doing it for over 30 years and look forward to continued success together.

## Learn about Thermal Fluid Management

On June 25th, our Manager of Technology, Ed Cass, presented a webinar via Process Heating called *Sustained Performance: Thermal Fluid Management*. The goal of this webinar was to educate attendees on prolonging the lifetime of their heat transfer fluid and to help ensure maximum performance from their systems. Ed talked about:

- Critical tests for understanding the health/condition of your heat transfer fluid.
- The operating symptoms that might mean there are fluid related problems
- The different pathways possible for deterioration of your heat transfer fluid
- Tips & tricks for protecting the heat transfer fluid from premature degradation and extending fluid lifetime

If you missed Ed's webinar, you can still view it by visiting our blog; [thermal-fluids.com](http://thermal-fluids.com) and clicking on the webinar blog article at the top of the page.

## Process Heating FREE WEBINAR



### Speaker: Edward Cass

Technology Manager  
Paratherm Heat Transfer Fluids

LEARN ABOUT SUSTAINED PERFORMANCE  
IN THERMAL FLUID MANAGEMENT



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INDUSTRY LEADING  
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