

Heat Transfer Fluids • System Cleaners • Application Expertise • Superior Service

Paratherm Unveils New Branded 55-Gallon Drum Design

Growth, change, improvement, constantly moving forward. At Paratherm, we're making strides to better serve our customers. In the past year we've been busy making both our products and ourselves more accessible to you. We've implemented a fresh, streamlined website, updated our fluid analysis kits to an eye catching easy-to-spot design, and increased

the availability and frequency of our in-person fluid-operations training sessions. Most recently we've turned this attention to our product packaging—with a bold, new look for our 55-gallon drums.

We're excited for you to receive these new and improved drums when Paratherm products arrive at your facility. These drums represent Paratherm at our finest. We've said goodbye to the plain black drum for most of our products. Our new drums stand out splashed in our vibrant Paratherm blue with our company logo in a white band in the middle. With this new look, there's no second guessing which is our product when walking through your warehouse.

As always, Paratherm's new drums comply with the UN regulations for products in the packaging groups I, II and III. The steel drums have a configuration that combines a vacuum resistance with efficient loading for freight containers as well as trailers. The vertical seam is electrically welded, and the bottom and the top are seamed to the drum body. All Paratherm drums are 55-gallon

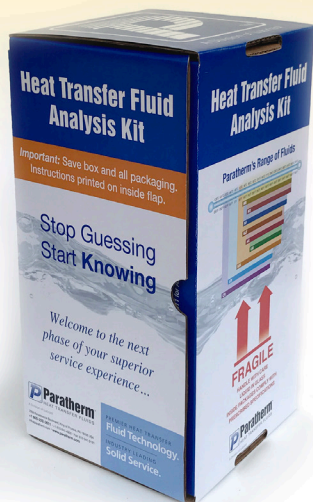


(208-liter) steel, unlined and sealed with tamper-resistant white-plastic bung covers on both the 2" threaded bung (with the Paratherm P-logo printed in blue) and the 3/4" vent bung. If these seals are ever missing or appear tampered with on a newly delivered drum, contact your Paratherm sales engineer or customer service.

Note: During our inventory transition period, individual orders will contain drums of either color design but not both. Initially Paratherm™ NF, HE, HR & HT will be available in the new drum.

In Case You Missed It

Paratherm rolled out a new Fluid Analysis kit last year. It's the same great service, wrapped up in new and improved packaging. We've printed the proper and safe procedures recommended when taking a sample right on the box. To order your next Fluid Analysis Kit, call 888-991-0375 or email us at orders@paratherm.com



This 1 minute video shows you how to get the sample, prepare the system safely, take the sample, send it in, obtain the report, and discuss the results. Key in link: <https://youtu.be/Mg520TBdKBI>



Paratherm HSES Compliant

Health, Safety, Environmental and Security (HSES) is about identifying and preventing process safety incidents in the work place. Safety and health hazards can be found in every work environment. At Paratherm, we're proud to say that we are HSES Compliant.

After moving into a new facility last year, Paratherm underwent a thorough audit from Lubrizol Compliance. As a result recommendations were taken to protect Paratherm's assets and employees. We made some changes to create a safer, organized workplace for our employees and visitors.

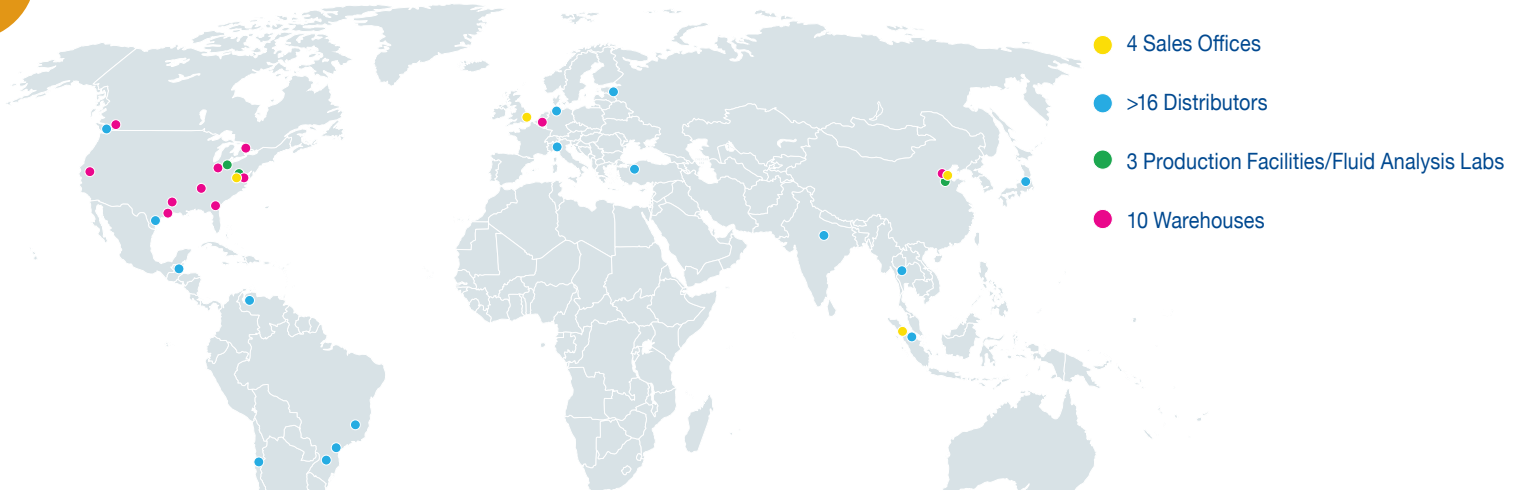
- Updating our safety and security procedures
- Proper labeling and signage to alert employees of possible safety hazards
- Proper chemical management
- Company-wide training on chemical spills and man-down scenario
- Implementing an emergency management system

After the audit to continue with the safety emphasis and awareness, Paratherm employees took part in a CPR & defibrillator training this spring and received certification. Then the whole office participated in fire safety training and proper fire extinguisher handling this past June. All employees passed with flying colors.

These efforts have been recognized by the Lubrizol President's Safety Award for 2015 and 2016.



2



Did you know that Paratherm products are stocked globally?

Our headquarters facility is located in a suburb outside of Philadelphia, PA in historic King of Prussia, but we have inventory and support capabilities around the world. We have dedicated staff located in the UK, South America, China, India and Singapore. They are qualified and extremely knowledgeable about Paratherm and our heat transfer fluid solutions. We also have warehouses in Europe and China that are fully stocked with Paratherm products.

A number of distributors provide our Paratherm products in South and Central America as well.

If you are located in Latin America, André Rodrigues has joined the Lubrizol Sales Team representing Paratherm in South and Central America. He replaces Gabriel Melo, who previously represented Paratherm and our distributors in Latin America. We thank Gabe for his dedication and commitment to our business and wish him well as he works in other areas of our Lubrizol family.

André is based in Sao, Paulo, Brazil and is ready to assist you with all of your heat transfer fluid needs. Please feel free to contact André at andre.rodrigues@lubrizol.com or call +55 11 4097 0151.

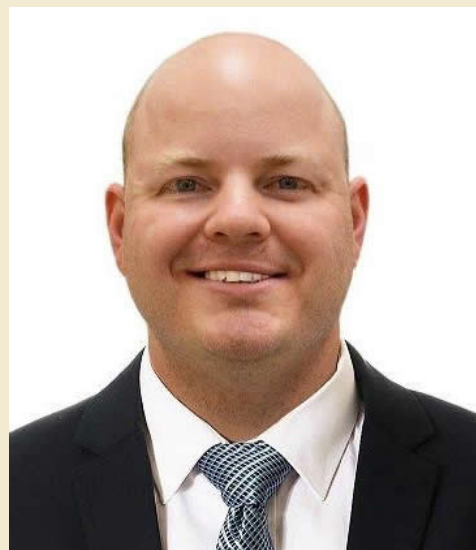


Employee Spotlight

Ed Cass, Technical Manager

Ed Cass is rapidly developing into a key member of the Paratherm team. In his role he will provide leadership for the technical support for our customers' applications and fluid-analysis reports. An immediate focus area will be to work closely with Jim Oetinger (Technical Director) to learn about the products and thermal-fluid applications. In his role Ed will work closely with sales and product management and will report to business director Ed Delate.

Ed arrives at Paratherm with over 5 years' experience in the specialty chemicals segment. Ed holds a bachelor's degree in Chemistry, and is a Certified Machinery Lubrication Technician. In his previous role, Ed was the product manager for the Lexolube Synthetic Esters line at INOLEX Inc., managing the industrial (lubricants) portfolio, applications laboratory and product development cycle. Prior to that, Ed was a process chemist in the manufacture of high purity silanes, silicones, and



organometallic compounds, as well as synthesis of semi-conductor gases at Gelest, Inc.

Ed is a results-driven strategist, and has a good track record of streamlining operations processes.

In his spare time, Ed enjoys outdoor activities, playing guitar, spending time with family and friends, and reading.

Did You Know?

Our website has a handy tool to help you calculate the THERMAL PROPERTIES of our Heat Transfer Fluids. Click on the **HTF Calculation** tab at the top of our website to access this customizable data generator. Whether you're comparing other fluids, evaluating the fluid performance of a specific Paratherm product or maybe you're in the planning stage of a project and it's just for design purposes, this tool can help.



A LOOK AHEAD....2017 & 2018 TRADE SHOWS

November 8-11	2017 NORA, Doral, Miami	Booth 14
March 6-8	2018 World of Asphalt, Houston, Texas	Booth 2648
March 27-29	2018 NISTM, Orlando, Florida	Booth TBA
April 13-14	2018 PELICE, Atlanta, Georgia	Booth TBA
May 7-11	2018 NPE, Orlando, Florida	Booth W140
June 11-13	2018 ILTA, Houston, Texas	Booth 648
June 12-14	2018 Global Petroleum Show, Calgary, Canada	Booth 1582



Lighten Up! *This little flashlight is deceptively versatile.*

After being invented in the late 1800s, battery-powered flashlights quickly became indispensable for every household and workplace—and yet throughout the 20th century these handy devices were also consistently and devilishly exasperating. Bulbs were difficult to match to cell voltages, lead-acid batteries were prone to leakage, and sometime a seemingly perfect flashlight simply refused to work without rhyme or reason. Yes, they were a welcome answer to the odorous, cumbersome and sometimes hazardous lanterns and candles and burning torches they replaced. But they carried limitations and caused a variety of frustrations as tradeoffs for their undeniable convenience.

About a century after the electric flashlight first appeared, though, the advancement of the LED, or Light Emitting Diode, has revolutionized this simple instrument.

Fast forward to 2017, and flashlights are everywhere. Every use you can think of, there's a flashlight for that. Are you a runner and like to go running

“Best of all it can be used hands free by affixing the magnetic end to a piece of machinery when you’re trying to fix an issue with your equipment.”

at night? There are mini flashlights for your sneakers. Does your occupation require you to crawl into dark, tight spaces? Wear a LED head light, or a hat-brim clip-on.

Flashlights are even showing up in new and unexpected places. The writing pen you are using today may have a flashlight in the tip. The phone you carry around all day is equipped with a built in flashlight app. Or, maybe your key chain has a mini flashlight to help you get into your house safely on a dark night. Flashlights these days come in all shapes and sizes and varieties. There are winding crank flashlights, rechargeable flashlights, solar-charging survival flashlights—and tactical flashlights like the Special Forces Grade Tactical Quench-Hardened Combat Torch. These can survive being run over by a tank and

temporarily blind a prowler.

The Paratherm Pocket Light is not one of those.

However, with two magnet mounts, ergonomic design, a swiveling pocket clip and 60 lumens of searing white light, it's a far cry from your great grand-daddy's flashlight. It's light enough to clip into your shirt pocket and carry around all day. It can be stored and mounted on the side of a cabinet. Most of all it can be used hands free by affixing the magnetic end to a piece of machinery when you're trying to fix an issue with your equipment.

As a side note, I've been using mine at night when I walk my puppy Max. It's light, easy to hold and bright on the dark streets in my neighborhood where street lamps don't shine.

—Gabriella G.



Insights from the Industry

—by Ray Klim, Food Industry Specialist, Paratherm

Ovens heated with food-grade thermal heat transfer fluid are more precise and consistent than previous technologies. Product quality, great environmental properties and greater human and plant safety are among the many improvements you will see using Paratherm™ NF Food-Grade Heat Transfer Fluid for Indirect heating of baked goods.

Read the full Q&A at <https://www.azom.com/article.aspx?ArticleID=14485>



A Division of Lubrizol

2009 Renaissance Boulevard, King of Prussia, PA 19406 USA
+1 888-991-0375 • +1 610-756-7871 • Fax: 610-941-9191
info@paratherm.com • www.paratherm.com

PREMIER HEAT TRANSFER
Fluid Technology.

INDUSTRY LEADING
Solid Service.