



**CORECHEM<sup>®</sup>**

**Heat Transfer Fluids**

[www.corecheminc.com](http://www.corecheminc.com)



# CORECHEM

A leading supplier of Heat Transfer Fluids to the HVACR market.

Founded in 1981, we are a third-generation, family-owned business based in Knoxville, TN. For over 40 years, we've built our reputation on providing personal service and chemical expertise to customers nationwide. We regularly out-service multi-billion-dollar companies with our core focus being "Customer First". We currently employ a staff of over 35 employees with 150+ years of combined industry knowledge and experience.



## ULTIMATE PERFORMANCE WITH OUR HTF RANGE



### GLYCOCHILL+ P SERIES

#### GlycoChill+P Series

- An exclusive line of inhibited propylene glycols
- More environmentally friendly than traditionally produced glycols, these products generate a lower carbon footprint and can help move industry towards a greener future
- USDA Certified Biobased Product



### EXOENDOSOL<sup>®</sup>

#### Exo Endosol™ Series

- A range of premium ethanol-based geothermal fluids designed for use in closed-loop systems
- Excellent heat transfer characteristics and a long life expectancy.
- A non-toxic, environmentally-friendly geothermal fluid
- Lower maintenance, more economical price point and less viscosity in cold temperatures

### GLYCOCHILL+ E SERIES

#### GlycoChill+E Series

- An exclusive line of inhibited ethylene glycols
- Developed in our laboratories for use in systems where both ferrous and non-ferrous metals are present
- Used in HVAC systems, these products offer ultimate heat transferability, higher boiling points and low viscosity

### GECHILL+ M SERIES

#### GeoChill+M Series

- A range of premium methanol-based geothermal fluids designed for use in closed-loop geothermal systems
- The most economical of our Heat Transfer Fluid Product Lines
- Excellent heat transfer characteristics

## DISCOVER THE BENEFITS OF OUR 'CUSTOMER-FIRST' SERVICES



### White Glove Service Deliveries and Bulk Fills

The initial fill of a new closed-loop HVAC system can be a difficult experience for contractors. That's not the CORECHEM way. Our celebrated white glove service makes it easy, from product transport to completing your bulk fills:

#### Trained Professionals

Two specially trained drivers will attend every install. One driver will stay with the truck while the other will attend to the system inlet inside the building. This relieves your team of the burden and streamlines communication.

#### No Specialized Equipment

Our team will bring all the valves, fittings and hoses needed (200+ ft, unlike the standard 40ft offered by common carriers), and we won't charge fees for any additional elements required.

#### No Hassel Fill

We ask for minimal prep work from you and your team and won't require a great deal of your time and energy on the day of your fill.

#### Fluid Testing

We offer a complimentary fluid test within a few weeks of initial fill to provide you with a baseline sample for future testing, and then offer an annual fluid analysis to ensure your system continues to perform at optimum efficiency.



### Heat Transfer Fluid Lab Tests

Our HTF Lab Tests include a visual analysis of the general condition of your fluid, checking the base fluid concentration and the pH level. In addition to this routine analysis, a CORECHEM fluid test will check for:

#### Level of corrosion inhibitors

Corrosion inhibitors can deplete over time. When these levels fall, the chance of damage to equipment rises.

#### Fluid degradation

Some common HTF compounds including ethylene glycol and propylene glycol can be negatively affected by excess exposure to heat. A fluid analysis will reveal degradation, and this can then be rectified before damage to equipment occurs.

#### Acids

These may form in HTFs as they begin to degrade and can cause system corrosion. Corrosive ions: Such as chloride or sulfates can occur if water-quality is poor and will have a negative effect on system operations.

#### Degradation products

Such as copper or iron which could indicate corrosion in the system.

CORECHEM offers annual fluid test kits. Email [info@corecheminc.com](mailto:info@corecheminc.com) for details.





## Heat Transfer Fluids: Why Choose CORECHEM?

### ✓ For support every step of the way

With CORECHEM a rep is on hand to offer assistance before, during and after you make a purchase. Customer service continues even after your fill is complete. Ask about annual fluid tests, and our range of specialized products to support your individual needs.

### ✓ For optimum performance and reliability

We carry four types of inhibited Heat Transfer Fluids which each offer long-term reliability and incredible performance. Let CORECHEM help find the right one for your needs.

### ✓ For unmatched personalization

Our heat transfer fluids are available in a wide array of package sizes including drums, totes, and tankers. We can custom dye and custom dilute our fluids to meet your individual specifications.

### ✓ For faster delivery

CORECHEM ships heat transfer fluids throughout the eastern United States from our location in Knoxville, TN. Additionally, we have an ever-expanding network of qualified distributors to offer fast shipping throughout the northeast and midwest regions.



CONTACT US TODAY

**WWW.CORECHEMINC.COM**

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