

SERVICES

COMPREHENSIVE GLYCOL ANALYSIS

Regular maintenance and testing of your system are essential to ensure optimal performance, safeguard operations, and protect against unforeseen variables and evolving conditions over time.

Our Program

Thermal Fluid Technologies offers a unique and comprehensive glycol testing program that is designed to ensure your heat transfer fluid is operating according to original specifications and at peak efficiency, while optimizing corrosion protection. Through regular testing you can effectively maximize the life of your existing fluid while ensuring your system is protected where it matters most.

Utilizing the most advanced state-of-the-art equipment, we generate a comprehensive analysis and tailored report that contains critical comments and recommendations to ensure your system is operating at its best.

Our Process



- Request a glycol sample kit
- Collect sample(s)
- Complete an analysis request form
- Mail your samples to the lab
- Receive your tailored report in 7-10 days

Our comprehensive analysis includes the following:

- ✓ Glycol Type
- ✓ Volume %
- ✓ Freeze Point
- ✓ pH- Reserve Alkalinity
- ✓ Color - Clarity
- ✓ Degradation Acids
- ✓ Degradation Products
- ✓ Scale Promoters
- ✓ Contaminants
- ✓ Corrosives
- ✓ Inhibitor Levels
- ✓ Tailored Comments & Recommendations



TURN-KEY PROCESS



Analyze

Existing system fluid is analyzed to determine appropriate next-steps for remediation or chemical cleaning and fluid replacement.



Clean & Fill

If complete system cleaning and fluid change-out is required, we provide turn-key cleaning and fluid replacement with an appropriate PROTOCOL® glycol formulated to protect your system for years to come.

System Cleaning & Reconditioning

Thermal Fluid Technologies offers system cleaning and reconditioning services for new and existing systems and equipment. Utilizing our PROTOCOL® SC-101 & SD-102 cleaner and degreaser to effectively remove mill scale, cutting oils, grease, and flash rust from new systems to ensure initial inhibitor passivation for long-term performance and protection.

Existing systems may contain corrosion and mineral scale that must be removed to restore system efficiency and performance and allow for a clean surface for adsorption of corrosion inhibitors for continued long-term protection.

Once the system is cleaned and flushed, Thermal Fluid Technologies has the right inhibitors and fully-formulated PROTOCOL® heat transfer fluids that are custom blended with deionized water and ready to install for immediate operation.

25+

YEARS OF EXPERIENCE

5000+

SYSTEMS TESTED

650+

SYSTEMS CLEANED