



KL-Lämpö
OPTIMIZED WATER TREATMENT



WATER TREATMENT AND MAINTENANCE SERVICES

Optimized Performance for Data Centers

Savings. Performance. Uptime.

Your Expert Partner in Water Treatment – Tailored and Comprehensive Services.

At KL-Lämpö, we provide end-to-end water treatment services for data centers. Our expertise covers maintenance of water, glycol, and cooling systems, as well as heat exchangers. Our solutions help reduce energy and maintenance costs while boosting system efficiency.

With over 30 years of experience, we offer all the expert services, analyses, and maintenance you need – all under one roof. We operate flexibly across Finland and tailor every solution to fit your specific needs.

Need products fast? We ship directly from our warehouse in Pirkkala.

Full-Service Maintenance and Product Solutions for Ensuring Energy Efficiency:

- Expert consultation
- Preventive maintenance
- Water and fluid analyses
- Installation and servicing
- Chemicals and equipment



What You Gain by Optimizing Your Cooling & Heat Transfer Systems:

1. Extend system lifespan
2. Increase reliability and uptime
3. Maintain optimal water quality
4. Improve energy efficiency
5. Achieve significant cost savings

Keep your systems running at peak performance! KL-Lämpö's services help maintain system reliability and heat-transfer efficiency.

**Let's
schedule
a system
check-up!**

Comprehensive Solutions for Improved Energy Efficiency

Fluid Analysis & Monitoring

Our lab services are an essential part of our water treatment offering. We track the condition of your system to ensure it runs cleanly, efficiently, and without interruption.

Your analysis report provides information regarding:

- Corrosion and scaling status
- Glycol concentration and inhibitor levels
- Recommendations for cleaning or fluid replacement

Corrosion Inhibitors & Biocides

We offer a range of chemical solutions to prevent corrosion and scaling. Our inhibitors work in various temperatures and flow conditions – even oxygen-rich environments. For copper systems, we offer a specially formulated multi-component solution: KK-655Cu.

Our biocides prevent bacterial, algal, and fungal growth in industrial water systems and process water. They keep surfaces clean and support efficient heat transfer.

System Maintenance & Servicing

In addition to expert consultation, we provide hands-on maintenance services for cooling and heat transfer systems. Our team handles cleaning, flushing, and protection using our in-house developed Finnish Key Flag-certified cleaning and corrosion protection chemicals.

These services ensure maximum energy efficiency and uptime.

Glycol and Heat Transfer Fluids

We manufacture high-quality ethylene and propylene glycols with corrosion inhibitors. Alongside our proprietary brands KK-INHIMEG and KK-INHIPROP, we also supply products from other manufacturers.

Heat Exchanger Cleaning & Refurbishment

We offer plate heat exchanger cleaning and maintenance services to ensure ongoing energy efficiency. We clean and refurbish units either at our service center or directly at your site.



We analyze your circulating fluids to assess system condition, boost performance, and ensure long-term reliability.



Our cleaning and maintenance services help restore lost heat transfer efficiency.

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