



# Welcome to the World of Data Driven Solutions.

An Overview of QH FLUIDTREND™ Digital Fluid Optimization

## QH FLUID INTELLIGENCE™

### Measure, Control, Optimize.

At Quaker Houghton, our objective is to keep our customers highly competitive in an ever-changing world. Our industry specific application expertise in fluids, combined with the use of QH Equipment Solutions and advanced hardware and software technology, means we are leading our customers to digital transformation and smart manufacturing.

**MEASURE** the correct parameters accurately and reliably with best-in-class sensors.

**CONTROL** fluid performance using our extensive knowledge and QH FLUIDTREND™ cloud platform to capture and analyze real-time data.

**OPTIMIZE** fluid and machine performance by delivering predictive and preventive insights that increase tool life, decrease downtime and reduce cost per machined part.

## QH FLUIDTREND™

### The Software Solution that Helps Businesses Manage, Automate, and Streamline their Operations.

QH FLUIDTREND™ eliminates manual processes, delivering powerful data on your production processes in a paperless environment. This data offers increased visibility of your assets, enabling you to extend their lifespan and reduce maintenance costs.

We critically review our customer's processes and challenges to see where fluid optimization could provide solutions and cost savings. By installing fluid monitoring sensors, data is continuously fed into QH FLUIDTREND™. Customers can analyze the data to obtain actionable insights which optimize fluid performance and prevent additional maintenance. As a result, your machines are consistently delivering peak performance.

QH FLUIDTREND™ generates self-service, dynamic analytical reports which confirm powerful data insights and allow for informed decisions to preventive maintenance trends and cost savings. The QH FLUIDTREND™ customer portal dashboard provides instant reports by application point, such as top leakers, top fluid usage, cost analysis, and usage trends. In addition, management reports aid compliance with Environmental, Health & Safety (EHS) guidance on the control and disposal of process fluids. All generated Site Reports are available in multi-language file formats and with an easy to view traffic-light system.

### Minimize downtime, eliminate reactive maintenance, streamline your manufacturing capacity.

- **Increased fluid lifetime and reduced resources:** Managing and controlling industrial process fluids increases your fluid lifetime, reducing waste and environmental impact.
- **Cost savings and efficiencies:** Compares fluid usage by machine and product so you can determine costs and use across your entire facility.
- **Improved manufacturing quality:** Enhanced product quality, increases productivity and sustainability ensuring cost-saving manufacturing.
- **Reduced downtime:** QH FLUIDTREND™ alerts when a fluids condition is declining, allowing you to take action before issues arise.
- **Data based decisions:** QH FLUIDTREND™ uses real-time data accessible anywhere in the world to produce analytical reports, leading to peak manufacturing performance and productivity.

Through our industry and technology expertise in fluids alongside pioneering hardware and software, we are keeping customers at the forefront of digital transformations.

