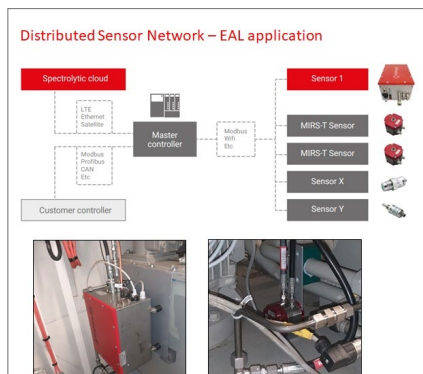


## FluidInspectIR® Installations

### Inline Marine EAL

We installed our distributed sensor network on a ship's propulsion system that allows our customer to remotely access valuable real-time oil condition data.

Our Master unit and multiple stand-alone sensors are networked to monitor the lubricant on several ship propeller systems. In this application we are monitoring / targeting the hydrolysed ester breakdown of an Environmentally Acceptable Lubricant (EAL).



### Inline Industrial

We had several installations in the industrial sector in hydraulic presses, metal cooling and cleaning agents, gas engines and gear oils. Our flexible technology platform allows our sensors to monitor chemical composition based on application requirement.



### Portable OCM

We also supplied several portable units for various oil condition monitoring activities like gas engines and turbine oils. Here our portable system was set up to measure the chemical composition (water, TAN, oxidation) of a few different turbine oil brands at a Hydroelectric power plant.



## Networking

It has been a very busy few months at Spectrolytic with several exhibitions, conferences and in-house training sessions.

### Training

Here we welcomed our Ghanaian partner and a Power generation Customer for in-house training on our FluidInspectIR® oil condition monitoring inline and portable systems. The weather was not great but our clients were treated to our famous Scottish hospitality.



### Lube Expo 2023

We had a very successful few days at the Lube Expo in Messe Essen showcasing our Oil Condition Monitoring systems.



### LRVS 2023

We were honoured to present for the third year in a row at the Lubrication & Reliability Virtual Summit. This year we were presented on our portable oil condition monitoring system and future endeavours in this landscape.



### Precision Lubrication and BINDT magazine Articles

We were also very proud to have articles published in Precision Lubrication and BINDT Condition Monitoring – two world renowned magazines. In both cases we wrote about our FluidInspectIR® platform technology and our cloud services that are transforming online oil condition monitoring sensor arena.

## Agrotechnica

Through our German partner Comline we showcased our systems at Agrotechnica in Hannover. Here we presented an in-line manure sensor for the oil condition monitoring of hydrogen fuel engines.



## Strategic Partnerships

Spectrolytic has partnered with Fluitec, a leading innovator in climate solutions and oil degradation management, for Revolutionary Real-Time Oil Condition Monitoring Sensors.

The collaboration focusses on turbo machinery and compressor application where our sensors provide the inline analytics capability to measure key oil parameters to facilitate and simplify the Fill4Life concept, contributing to environmental sustainability and operational efficiency improvements.

Our strategic partnership with Spectrolytic has allowed us to implement laboratory-equivalent analysis of key oil degradation parameters to maintain the longevity and efficiency of industrial machines.



## Projects

We have teamed up with a partner to enable in-line grease analysis. An initial application focusses on "Life time greasing" application where the correct composition of the grease is determined prior to being injected.

Please stay tuned in for further progress on prototyping next year.

