

Managing Fluid and Lubricant Contamination

An International Conference
at the University of Bath
on 10-11 September 2018

Conference Programme – 10 September

Session Chair: Allan Barber, Global Industrial OEM Manager, Lubrizol International, Derby, UK

09:00-10:00 – Registration and Exhibition

10:00 – Conference Opening Remarks by Chris Buxton, BFPA

10:10 – Keynote Address by **Matt Fielder**, Stanhope Seta:

‘The Development and Use of 2 Micron Particle Counting Instruments in Fluid Power Systems.’

10:40 – Particle Counting: Why are You Counting Gels, Water and Bubbles? by **Joanne Coyle**, JM Canty

11:10 – *Break & Exhibition (Refreshments available in foyer)*

11:30 – Fluid Contamination Monitoring – Technology for Industry 4.0 by **Geoff Grant**, MP Filtri

12:00 – Integration of Ferrous Density and Particle Count for Automated Ferrography Analysis of Abnormal Wear Conditions by **Daniel Walsh**, Spectro Scientific

12:30 – *Buffet lunch in foyer & Exhibition*



Conference Programme – 10 September (Cont.)

Session Chair: Allan Barber, Global Industrial OEM Manager, Lubrizol International, Derby, UK

13:30 – Best Practice Oil Sampling using the new ASTM D8112 Turbine Oil Sampling Guidelines by **Bernie Hall**, Checkfluid

14:00 – The Formation and Impact of Varnish in Oil Lubrication Systems by **Keith Webb**, Pall Europe

14:30 – Free radical formation in the wake of electrostatic discharges in hydraulic and lubricating systems by **John Duchowski**, Hydac Fluid Care Centre

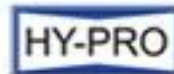
15:00 – *Break & Exhibition*

15:30 – The Benefits of Water Removal Technology by **Phil Keep**, MP Filtri

16:00 – Water contamination in mineral oil based hydraulic fluids: lessons learned from a T6H20C test rig by **Steffen Sandhoefner**, Laxness

16.30 – Close

Note: 19:30pm for Conference dinner at Bailbrook House Hotel (cost included in registration fee)



Conference Programme – 11 September

Session Chair: Matt Fielder, Market Development Manager, Stanhope-Seta Ltd.

09:00 – *Arrival tea/ coffee & Exhibition*

09:30 – Air in oil – A novel approach to optimise de-aeration performance and reducing oil volume by **Tobias Daley**, Hydac

10:00 – Reliability Strategies for Optimized use of Hydraulic Fluids by **Clive McArdle**, Fluitec

10:30 – Cleanliness Management in Hydraulic Systems – Why it is Necessary and How to Implement it by **Mike Day**, CMS Consultants

11:00 – *Break & Exhibition*

11:30 – Driving uptime improvement and cost-reduction by moving to a predictive maintenance approach by **Keith Webb**, Pall Europe

12:00 – A Paradigm Shift in Gas Turbine Lubricant Maintenance by **Peter Dufresne**, EPT Inc

12:30 – Buffet lunch & Exhibition



Conference Programme – 11 September (Cont.)

Session Chair: Matt Fielder, Market Development Manager, Stanhope-Seta Ltd.

13:30 – How to Specify The Cleanliness of the Hydraulic Fluid to Suit Your Individual Requirements by **Mike Day**, CMS Consultants

14:00 – Long-Term Results of Turbine Oil Antioxidant Replenishment at a Combined Cycle Power Plant by **Jatin Mehta**, Fluitec

14:30 – A Review of the Effects of Potash Contamination on Fire Resistant Hydraulic Fluids by **Travis Wiens**, University of Saskatchewan

15:00 – Closing Remarks

