



Lubrication Academy Asia

29, 30 September 2015
Bangkok, Thailand

**In partnership
with Focuslab**

Fluitec is proud of announcing its first Lubrication Academy in partnership with Focuslab. Fluitec has been developing its activities in Asia for the last 5 years while Focuslab has been a key player in oil analysis as well as technical trainings and consulting for more than two decades. This special edition of the *Lubrication Academy Asia* aims at giving you the 'best of both worlds' by tapping into Fluitec's hands-on experience and Focuslab's sound technical expertise.

Course Outline

TURBINE OILS

- An Overview of OEM Specifications
- An Overview of Turbine Oils and their Additive Systems
- The Importance of Antioxidant Selection
- How to Select the Best Fluid for Your Application
- Understanding Turbine Oil Compatibility
- Future Developments in Turbine Oils

CONDITION MONITORING

- Changes in Analytical Strategies Based on New Formulations
- Understanding How Turbine Oils Degrade
- Selecting When to Use What Analytical Tool
- Performing Root Cause Analysis
- How to Establish a World-Class Condition Monitoring Program

CONTAMINATION CONTROL

- Changes in Filtration Technologies
- What is Spark Discharge and How Will It Impact Your Plant?
- An Overview of Filter Selection

UNDERSTANDING VARNISH

- The Impact of Varnish to a Plant
- Primary Contributors to Varnish
- Where Varnish Develops and Why
- The Cost of Varnish to the Industry
- An Overview of Technologies Designed to Address Varnish
- The Holistic Approach at Keeping Your Plant Varnish-Free

ELECTRO - HYDRAULIC CONTROL SYSTEMS

- What are the primary failure modes of phosphate ester fluids
- How to select the appropriate tests to avoid problems
- Strategies for correcting common phosphate ester problems
- How to transform your phosphate ester fluid into a fill-for-life chemistry

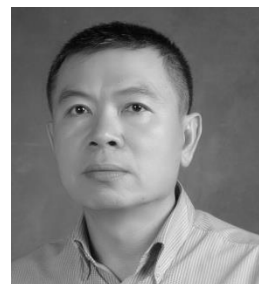
Presenters



Greg is involved with various business development functions with Fluitec. He also spearheads the company's highly successful Lubrication Academy courses. Greg has been involved with lubrication contamination control and condition monitoring for the last two decades. He's a Certified Lubrication Specialist (CLS) and past-chair of ASTM D02 CO1 on Turbine Oil Analysis and Problem Solving, Society of Tribologists and Lubrication Engineer's (STLE) Power Generation and Wind Energy Councils. He has over 40 papers published across a wide range of industry leading publications and has been involved with over two dozen lubricant-related consulting projects.



Andy is one of S.E. Asia's leading Oil Analysis Instructors, with a wealth of experience in Oil Analysis in the region (eg. Indonesia, Singapore, Malaysia, Philippines, Thailand). Andy has established and managed Oil Analysis laboratories for such names as Optimal Systems Inc. and Litton Industries, before co-founding Focuslab Ltd. In addition to Commercial Oil Analysis, he has managed Military S.O.A.P Laboratories for the Iranian Department of Defense. He has co-authored several technical papers on the subjects of anti-oxidant testing, varnish and sludge control. He conducts **Noria Oil Analysis and Machinery Lubrication** Courses for Focuslab Ltd. in S.E. Asia (eg. Thailand, Philippines and Malaysia and India).



Thanant is the co-founder of FocusLab Ltd, one of Asia's top-tier oil analysis laboratories. He is an instructor of Noria's Machinery Lubrication and Oil Analysis courses in Thailand, recognized expert in the field of machinery lubrication and oil analysis, fuel & lube additives. He is certified: ICML MLA-I, II and III, MLT-II and LLA-I and one of the very few experts certified STLE OMA-II. Thanant has also been active in lots of publications and technical consulting/ training in his long career at FocusLab.



Pierre is heading Fluitec's Asia Pacific office in Singapore since 2012. Before joining Fluitec in 2009 he worked in the nuclear department of Tractebel Engineering (GDF-SUEZ) for the Belgian nuclear power plants, he joined the sales team of the Power department, where he was responsible for the business development of thermal and renewable projects mainly throughout Europe, Middle East and South America. He's a Certified Lubrication Specialist (CLS) who enjoys giving corporate trainings all over APAC.



Program

Day 1 (29th September)

09:00-12:30

*LA conference Module 1
and 2*

Lunch (12:30-13:30)

13:30-15:30

LA conference Module 3

16:30-17:30



Lab Tour

Thai dinner

Day 2 (30th September)

09:00-12:30

*LA conference Module 4
and 5*

Lunch (12:30-13:30) – distributors

13:30-17:30

*Fluitec distributor meeting/
training and award
ceremony
(only for distributors)*

Distributor dinner

Bangkok, Thailand
September 29th - 30th, 2015

Venue: **Novotel Bangna Hotel**

333 Moo 6, Srinakarin Road, Nongbon,
Pravet, 10250 Bangna
4 Stars | 25 min. from Suvarnabhumi Airport

[Click here for directions](#)

USD 480/ pax.

Including lunch, dinner; excluding accomodation



How to register

Contact Ms. Ruetai A.
ruetaia@focuslab.co.th