

Lubrication Academy

13 May 2026



We are pleased to invite you to the Lubrication Academy hosted by Fluitec with Intertek at the Raffles Marina in Singapore.

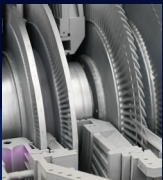


ENTRY
Free

Wed | 13 May 2026

1:00 AM - 5:00 PM
Training

Provides valuable insights into lubrication practices that can significantly enhance the reliability and efficiency of your operations.



What Will We Cover?

Lube:

1. Oil Condition Monitoring
2. Type of Lubricating Oil and Tests

Debris Analysis:

1. Introduction to Scanning electron microscopy with Energy Dispersive Xray Spectrometry in the Power Plant Industry.
2. Fundamentals of SEM-EDS
3. EDS basics
4. Why SEM-EDS is Critical in Power Plants
5. Failure Analysis of Turbine Components
6. Foreign Material & Contamination Analysis
7. Oil System diagnostics
8. Advantages and limitations.

- Complete list of topics on reverse side -



Your experts



Lars van Dijk

General Manager, Asia
Fluitec

Lars van Dijk is General Manager for Asia at Fluitec, leading growth and operations across the region. With more than 20 years of experience in industrial and energy markets, he focuses on driving reliability, efficiency, and sustainability through advanced lubricant technologies while building strong regional partnerships and delivering measurable customer value.

Jessie Ho

Lab Manager, OCM,
Intertek Caleb Brett Singapore

RAFFLES MARINA
Singapore

Raffles Marina is the largest corporate, premier marina, country club, megayacht hub and nautical lifestyle centre, dedicated to your enjoyment!



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What We Will Cover

- **Rotating Equipment Fundamentals:** A deep dive into turbines, compressors, and auxiliary systems, featuring real-world case studies of catastrophic failures and lessons learned.
- **Lubricant Degradation & Varnish Control:** Understanding mechanisms of oxidation, thermal breakdown, contamination, and additive depletion; advanced varnish detection, prevention, and removal strategies.
- **Turbine Oil Selection & Contamination Control:** Criteria for choosing the right oil, compatibility testing, and contamination management strategies. (Hint: Don't select your oil based on price!)
- **Lubricant State-of-the-art Solutions:** Maximizing oil performance, selecting contamination control technology, and the latest advancements in extending oil life and improving operational efficiency.

Why You Should Attend

- **Prevent Multi-Million Dollar Failures:** Learn proven practices that avoid costly unplanned outages, as seen in global power and petrochemical plants.
- **Maximize Asset Reliability:** Gain tools to systematically reduce component wear, varnish-related failures, and unscheduled downtime.
- **Boost Energy Efficiency & Sustainability:** Understand how optimized lubrication reduces friction losses, CO₂ footprint, and environmental impact.
- **Access Expert Knowledge:** Engage directly with leading lubrication and reliability specialists, backed by decades of field and lab experience.
- **Practical, Actionable Insights:** Leave with step-by-step diagnostic processes, test methods, and maintenance strategies ready for immediate implementation.
- **Networking & Peer Learning:** Connect with fellow maintenance and reliability professionals to exchange best practices and case studies.



Join us May 13th to learn more about how Fluitec products like DECON™ can clean and protect your machine assets!

Lubrication
Academy
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