

**F+L** WEEK  
**LIVE!** APRIL 27-29, 2022  
BANGKOK, THAILAND

**CONFERENCE THEME**

"Disruption & Transformation in the Fuels & Lubes Industry"

**APRIL 26, 2022**

8:00 AM-9:00 AM	Registration
9:00 AM-5:00 PM	Training Workshop: Fundamentals of Electric Vehicle Lubrication Conducted by Dr. Edward Becker, President & Founder, Friction & Wear Solutions LLC

**APRIL 27, 2022**

8:00 AM-9:00 AM	Registration
9:00 AM-5:00 PM	Training Workshop: Developing and Managing Metalworking Fluids for Sustainable Success Conducted by Patrick Brutto, CMFS, Founder and Technical Application Specialist, Faith-Full MWF Consulting
9:00 AM-5:00 PM	F+L Connect - Dedicated Networking Day Sponsored by Ergon
5:00 PM-6:00 PM	Evening Refreshments

## APRIL 28, 2022

8:00 AM	Registration		
9:00 AM	Introduction		
9:15 AM	Welcoming Remarks		
9:30 AM	Keynote Speaker 1 - TBA		
10:00 AM	Networking Tea Break Sponsored by Dow Chemical		
10:30 AM	Keynote Speaker 2 - TBA		
11:00 AM	Keynote Speaker 3 - TBA		
11:30 AM	Keynote Speaker 4 - TBA		
12:00 PM	Networking Lunch Sponsored by Chevron Oronite		
1:30 PM	Commercial Presentation - TBA		
2:00 PM	Development of Advanced Fuel Cell Coolant	Govind Khemchandani	Dober Chemical
2:30 PM	Hybrid Operation Characteristics and Their Impact on Engine Oil Requirements	Huifang Shao	Afton Chemical Corporation
3:00 PM	Networking Tea Break Sponsored by Songwon		
3:30 PM	Application of eFuels to the Existing Gasoline Engine Fleet – Test Methods and Potential	H.-P. Deeg*, J. Villforth*, Dr. André Casal Kulzer* and G. Russ**	*Porsche AG, **University of Applied Sciences Darmstadt, Germany
4:00 PM	Biodiesel Usage in Heavy Duty Applications and Lubricant Solutions	Taiki Hattori*, Claire Chommeloux**, Sam Thomas**, Raj Padmanabhan**	*Chevron Japan Limited Oronite, **Chevron Oronite
4:30 PM	Upgraded Biodiesel (H-FAME) via Partial Hydrogenation for Higher Biodiesel Blends in Thailand	Nuwong Chollacoop*, Yuji Yoshimura**	*MTEC, **AIST
6:30 PM	Networking Cocktails Sponsored by ExxonMobil		
7:00 PM	F&L Awards Dinner Sponsored by Lubrizol		

## POSTER PRESENTATIONS

	Low Foaming Emulsifiers for Semi-Synthetic Metalworking Fluids	Avelyn Lim	"Dow Chemical Pacific (Singapore) Pte Ltd"
	Marking of Fuels & Lubricants Protecting Against Counterfeit & Fraud	Paul Roquette	TraceTag International Ltd
	Standardization as a Key Tool to Assess the Tribological Profile of Lubricants	Dr. Ameneh Schneider*, Gregor Patzer*, Dr. Mathias Woydt**	*Optimol Instruments GmbH, **MATRILUB

**APRIL 29, 2022**

8:00 AM	Registration		
9:00 AM	Low Viscosity Engine Oils, a Comparative Evaluation of Advanced Base Stock Technology	Jeffrey Brown	Nowi LLC
9:30 AM	Impact of Engine Oil Volatility on Oil Consumption and Emissions	David Senard	TotalEnergies OneTech
10:00 AM	Networking Tea Break Sponsored by Vanderbilt Chemicals		
10:30 AM	Conducting Layer Deposits: A New Corrosion Concern for Hybrid and Electric Vehicles	Alex Wang	Lubrizol Corporation
11:00 AM	Reducing GHG through Innovative Engine Oil Development	Jeremy Styer	Vanderbilt Chemicals, LLC
11:30 AM	Testing for Electric Vehicles in Thailand	Numpon Mahayotsanun	Khon Kaen University
12:00 PM	Networking Lunch		
1:30 PM	Commercial Presentation: Next Generation PAOs to Improve Fuel Economy and Energy Efficiency	Mark Tan Khai-Hsien	ExxonMobil Chemical
2:00 PM	Combining Analytical Sciences with Tribometry for Condition Monitoring	Dr. Mathias Woydt*, F. Novotny-Farkas**, Dr. Ameneh Schneider***	MATRILUB*, Engineer consultant**, Optimol Instruments***
2:30 PM	Oil Condition Monitoring of Large Rotating Machinery, Trends and Future	"Kyoko Kojima, Ph. D."	Hitachi Ltd.
3:00 PM	Networking Tea Break		
3:30 PM	Mid-IR Spectroscopy Method Validation for TBN Determination of Fresh Marine Oils	Julius Kim A. Tiongson	Petron Corporation
4:00 PM	Development of an Energy Efficient and Reliable Hydraulic Fluid Solution	Nelson Tam	Lubrizol Southeast Asia Pte Ltd
4:30 PM	Identifying Motorcycle Lubricant Opportunities in a Changing Market	Pradheep Veerapan	Infineum
5:00 PM	Relevance of ACEA Standards to Southeast Asia and Australia	Ching Mei Ang	Lubrizol Corporation