



Society of Tribologists and Lubrication Engineers

Houston Section

February 12, 2021 Technical Meeting

Welcome to STLE Houston Section's 2020-2021 Lunch Seminar Series!

Our next technical seminar of the season will be held “virtually” on Friday, February 12, 2021 at noon. Mike Miller, Technical Manager of Lubricants & MWF/HIC at Univar Solutions Laboratory will be presenting ***“Foam Control & Formulation Techniques to Minimize Foam in Water Dilutable MWF”***. Please reserve the date!

Abstract: With the demand for higher productivity; speeds and feeds are increasing in MWF applications. This necessitates fluids with excellent foam control. This presentation will address various methods of foam testing and their applicability, how to test for defoamer stability, selection of defoamers, but more importantly, how to select raw materials when formulating water dilutable metalworking coolants to reduce foam (what to include and why and what to exclude/limit and why). The talk will also discuss the causes of foaming and how to address them. Anyone looking for tools to address foam issues and improve fluid performance will find this program helpful.

Speaker: Mike Miller is the Technical Manager of Lubricants & MWF/HIC at Univar Solutions Laboratory located in the Univar Houston Technical Solutions Center. Mike has an extensive background in metalworking, lubes, oils, and cleaners along with corporate, technical, and lab management, field and sales support for finished MWFs and HIC, formulations, and analytical chemistry experience with over 30 years in the industry and 40 years as a chemist. He has worked at some of the major metalworking manufacturers in the Midwest and as a consultant in the industry. To add to this experience Mike spent time putting himself through school as a machinist. This gives him a unique perspective on the use of metalworking fluid formulations and the industry expectations. His hobbies include flytying and flyfishing and is an International Fly Fishers Certified fly casting instructor.

Location : Virtual.

IMPORTANT NEW PRE-REGISTRATION REQUIREMENT:

Please pre-register for ***“Foam Control & Formulation Techniques to Minimize Foam in Water Dilutable MWF”*** on February 12, 2021 12:00 PM CST at:

<https://attendee.gotowebinar.com/register/3545411940085907472>

AFTER REGISTERING, YOU WILL RECEIVE A CONFIRMATION EMAIL CONTAINING INFORMATION ON HOW TO JOIN THE WEBINAR

Schedule:

12:00PM - 1:00PM: Business Meeting and Technical Presentation

Fees:

None

The STLE Houston Section's Monthly meeting provides a platform to advance your knowledge, learn current trends in tribology, lubrication and related industries, and much more. We're hoping to be back to in-person meetings as soon as possible.

STLE Houston Section Calendar of Events (2020 - 2021)

September, 2020	Meeting Postponed to October	
October 9, 2020	Jeremy Kriska of Tulstar, <i>"Electric Vehicle Lubrication Challenges and Opportunities."</i>	Virtual
November 6, 2020	Gavin Duckworth of Functional Products, <i>"Using Unique Polymer Chemistry to Enhance Automotive and Industrial Formulations"</i>	Virtual
December 11, 2020	Michael D. Holloway of 5th Order Industry, <i>"Tribology of Diesel Engines"</i>	Virtual
January 15, 2021	Appu Vinod of Lamar University, <i>"Hydrogel Tribology on Silanized Silicon"</i>	Virtual
February 12, 2021	Mike Miller, Technical Manager of Lubricants & MWF/HIC at Univar, <i>"Foam Control & Formulation Techniques to Minimize Foam in Water Dilutable MWF"</i>	Virtual
March TBD, 2021	2021 Annual Houston STLE Lube School	Virtual
April TBD, 2021	TBD	Virtual
April TBD, 2021	Commercial Innovation Forum (jointly with April Meeting)	Virtual
May 16 – 20, 2021	75th Anniversary STLE Annual Meeting & Exhibition	Virtual
May TBD, 2021	TBD	TBD?
September TBD, 2021	First Technical Meeting of the new season	TBD?