



Society of Tribologists and Lubrication Engineers

Houston Section

## October 9, 2020 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, October 9, 2020 at noon (call in details will be forthcoming soon). **Jeremy Kriska**, Vice President of Business Development of Tulstar will be presenting *“Electric Vehicle Lubrication Challenges and Opportunities.”* Please reserve the date!

**Abstract:** Global sales of EV’s have soared from less than 20,000 electric vehicles annually in 2010 to more than 7 million vehicles in 2019. With improved range, cost, and reliability, EV’s are no longer niche curiosities, and have earned a viable market position in many parts of the world. According to industry projections, EV’s are poised to grow at more than a 30% annualized rate to 200+ million vehicles worldwide within the next 10 years.

Lubrication of EV's creates new challenges and opportunities, such as noise and friction reduction, thermal transfer improvements, electrical current and copper influences, bearing/material compatibility, and fill-for-life capability. Improvements to e-lubrication will help improve range, which is a key factor limiting growth rate of EV’s.

The EV growth rate will be further explained along with market influences that will impact inception rates of electric vehicles. The aforementioned lubrication challenges and opportunities will be reviewed in greater detail, with a look ahead at the potential changes in vehicle lubricant diet.

**Speaker:** Jeremy Kriska has over 20 years of experience marketing base oils, transformer oils, and lubricant additives. After completing his BS in Chemical Engineering from Texas A&M in 1997, Kriska began his career with Chevron, including process engineering and technical sales roles within Chevron’s Chemical and Oronite Additive Divisions. Upon completion of his MBA in 2004 from the University of Houston, Kriska joined Swedish-based Nynäs Naphthenics, developing US sales of transformer oils and naphthenic-based process oils and industrial lubricating fluids. In addition to his role as Nynäs’ USA Sales Manager, Kriska served on Nynäs global marketing campaigns for transformer and industrial rubber/tire markets.

Kriska joined Tulstar Products, Inc. in 2009 and currently serves as Vice President of Business Development. He has worked to expand Tulstar’s brand and presence in the base, process, and transformer oil markets, and has been instrumental in developing key international base oil and chemical trading partnerships.

Beyond business hours, Jeremy's personal interests include family time, gardening, cooking, softball, golf, biking and travel.

**Location :** Virtual, details to be provided

**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	<b>Jeremy Kriska</b> of Tulstar, <i>"Electric Vehicle Lubrication Challenges and Opportunities."</i>	<b>Virtual</b>
November TBD, 2020	TBD	<b>Virtual</b>
	STLE Houston Section Golf Outing	TBD?
December TBD, 2020	TBD	<b>Virtual</b>
	Social Outing	TBD?
January TBD, 2021	TBD	TBD?
February TBD, 2021	TBD	TBD?
March TBD, 2021	2021 Annual Houston STLE Lube School	TBD?
April TBD, 2021	TBD	TBD?

April TBD, 2021	Commercial Innovation Forum (jointly with April Meeting)	TBD?
May 16 – 20, 2021	75th Anniversary STLE Annual Meeting & Exhibition	Hyatt Regency New Orleans New Orleans, LA
May TBD, 2021	TBD	TBD?
September TBD, 2021	First Technical Meeting of the new season	TBD?