



20 – 21 NOVEMBER 2019  
ROTTERDAM, NETHERLANDS

# EUROPEAN BASE OILS & LUBRICANTS SUMMIT 2019

## KEY TOPICS

- Identifying Areas for Growth – Shift Towards High Performance, Lower Viscosity, Lower Volatility Lubricants with higher lifetime (synthetics)
- Short to Medium Term Outlook for GI & GII
- Latest updates on ACEA 2020, ILSAC GF-6 Specifications, and API SP
- Update on Amendment VIII in CLP Regulation
- Impact of soon to be revised European Ecolabel for Lubricants and EPA's Vessel General Permit
- Renewable Energy Platforms and Future Expectations
- New fluids for Electric Vehicles (EVs), Low Viscosity Lubricants for more Energy Efficiency
- Changing Mobility Patterns and their Effect on Lubricant Basestock
- Lubricants for Hybrid Powertrains
- Cylinder Oil Operations in 2020 – Challenges and Opportunities Ahead
- Impact of Marine Emissions Directive on Fuel Quality and Engine Oil Demand
- Effect of EPA VGP on Marine Auxiliary Lubricants
- 2020 Readiness – Fuel switch – In-field Experience with Low Sulphur Fuel

## EVENT SPONSORS

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For sponsorship opportunities please contact:

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Simona Norkunaite on: +44 (0) 20 3141 0642 / [simonan@acieu.net](mailto:simonan@acieu.net)

For delegate registration please contact:

Cheryl Williams on: +44 (0) 20 3141 0623 / [cwilliams@acieu.net](mailto:cwilliams@acieu.net)



The European Base Oils and Lubricants market continues to see substantial changes, with performance standards in the automotive sector affecting supply and demand; the industrial and metalworking sectors are subject to changing regulatory requirements which continues to ensure a vibrant and diverse market for blenders, marketers and distributors alike. Whilst these new standards are positive for the environment, they create significant challenges for lubricant manufacturers who must tackle with optimising lubricant formulations for new specifications whilst managing supply chain cost and complexity. The 11th European Base Oils & Lubricants Summit will bring together senior representatives from Base Oil Producers, Lubricant Manufacturers, and Additive Suppliers for two days of discussion on how to overcome current market challenges, review upcoming regulatory implementation and identify existing opportunities for growth.

### Who will be attending?

**Participating companies include:**

Lubricant Manufacturers  
Base Oil Producers  
Additive Suppliers  
Technology and Service Providers  
Trading and Distribution Companies  
OEMs  
Packaging and Logistic Companies  
Consultancies

### Venue

Hilton Rotterdam  
Weena 10,  
3012 CM Rotterdam  
Phone: ++31 10 710 8000

### Registration Is Simple

If you would like to register for this event or wish to find out more information, please contact:

**Cheryl Williams**

+44 20 3141 0623 / cwilliams@acieu.net

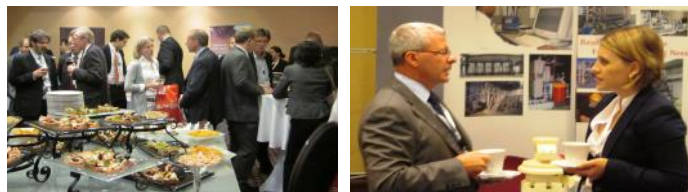
### Speaking Opportunities

If you would like to be considered as a speaker, for a 20-30mins presentation, at the event please submit an abstract for consideration to:

**Sarah Ajawin**

+44 20 3141 0643 / sajawin@acieu.net

### Opportunities to Meet Your Target Audience:



Showcase your technologies to the industry, with opportunities to demonstrate the capabilities of your latest products and services. Companies can gain direct access to our senior level audience and have an increased level of visibility and exposure through branding and networking at the conference. This will allow you to attract new business and forge lasting commercial relationships.

For information on available commercial opportunities, please contact:

**Jenevieve Rodrigues**

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**Simona Norkunaite**

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## DAY 1

Wednesday 20th November 2019

08:00

### REGISTRATION & COFFEE

08:30

### NETWORKING ACTIVITY

#### Meet & Greet

Say hello to old friends and make new contacts. This is your chance to catch up with other attendees prior to formal proceedings.

09:00

### Chair's Opening Remarks



David Whitby  
Chief Executive  
Pathmaster Marketing Ltd

09:15

### KEYNOTE PRESENTATION

#### Energy Transition for Shell as Technology Leader in Lubricants and Base Oil Refining

- The energy transition
- Shell's actions for more cleaner energy
- Lubricants and greases in electric vehicles
- Lubricants Technology R&D
- Circular Economy – a lubricant service model
- Response options for refiners



Gunnar Meister  
Principal Technologist, Global  
Base Oils Team Lead  
Shell

10:00

### CONFERENCE PRESENTATION

#### Trends in Hardware Drives Changes in Lubricants

- Lubrizol Overview
- New requirements driving change
- Key market insights - Europe, North America & China
- Challenges



Xavier Branquet  
Global Lead Electrification & E-Mobility  
Lubrizol



Simon D. Evans  
Regional Business Manager OEM  
Group MENA  
Lubrizol

10:30

### MORNING REFRESHMENTS

### NETWORKING ACTIVITY

#### Blackout Bingo

Each attendee has a Blackout Bingo Card to be stamped by every Sponsor/Exhibitor they meet. Each completed Blackout Bingo card will be entered into a prize draw.

11:15

### CONFERENCE SESSION ONE

#### European Market Overview – Current Challenges & Latest Developments

- Identifying Areas for Growth – Shift Towards High Performance, Lower Viscosity, Lower Volatility Lubricants with higher lifetime (synthetics)
- With an Increase in Demand for Group II, How are Companies Adapting to the Decline of GI?
- Short to Medium Term Outlook for GI & GII
- What does the future hold for Group III vs. Group IV
- Brightstock Replacement Options: limitations of thickeners

### SESSION PRESENTATION

#### New turbine additives enabling performances and energy saving for turbomachinery



Luca Salvi  
Additive Manager  
ENI

### SESSION PRESENTATION

#### Disrupting forces and its impact on the European Finished Lubricants and Basestock business

- Diffusion of low and zero emission vehicles bringing momentum to the transition to fuel economy engine oils
- New formulations approaches and impact on high performance basestocks



Sharbel Luzuriaga  
Project Manager  
Kline Group

### SESSION PRESENTATION

#### New Bio-based technology, Estolides

- Estolides have been produced in a wide range of viscosities from ISO 22 to ISO 680, which makes them ideal for industrial and automotive lubricant blending. They have renewable contents of over 70% and biodegradability levels of greater than 70%.



Mike Peters  
Technical Support & Development  
Manager  
SIP

12:30

### CONFERENCE PRESENTATION

#### Reviewing latest market advancements in Waxes & White Oils



Ian Appleton  
Director  
KERAX LIMITED

13:00	<b>LUNCH</b>		
14:30	<b>CONFERENCE SESSION TWO</b> <b>Future Super Lubricants - Environmentally Friendly, High Performance Lubricants</b>		
	<b>SESSION PRESENTATION</b> <b>A Blueprint for Lubricant Sustainability</b>		
	 <b>Ian Nielsen</b> Strategic Account Executive, Europe & Asia <b>RSC Bio Solutions</b>		
	<b>SESSION PRESENTATION</b> <b>Modelling used to optimize performance of biodegradable Ester base oils for Marine oil application</b>		
	<ul style="list-style-type: none"> <li>Comparison Base oils and use of modelling to optimize ester structure performance</li> <li>Impact of Ester structure on hydrolytic, biodegradation and thermal oxidative stability</li> <li>Optimized performance results of New saturated and unsaturated Marine base oil product line</li> </ul>		
	 <b>Ronald Hoogendoorn</b> Regional Manager Europe & North America <b>PATECH</b>		
	<b>SESSION PRESENTATION</b> <b>Esters – base oil of choice for high performance lubricants</b>		
	<ul style="list-style-type: none"> <li>Biodegradability and EU Ecolabel requirements</li> <li>Low viscosity + low volatility</li> <li>New fluids for electric vehicles</li> </ul>		
	 <b>Jens Kubitschke</b> Application and New Business Development Manager <b>OXEA GmbH</b>		
16:20	<b>AFTERNOON REFRESHMENTS</b>		
17:05	<b>CONFERENCE SESSION THREE</b> <b>Regulatory Updates – How is the Industry Preparing for Implementation in 2020?</b>		
	<b>SESSION PRESENTATION</b> <b>IMO implementation: potential disruptions this may bring to refiners and base oil suppliers in 2020</b>		
	<ul style="list-style-type: none"> <li>Solutions to Aid Compliance - Key Considerations when moving into the Implementation Phase</li> </ul>		
	 <b>John Leavens</b> Director Oil Markets Midstream & Downstream <b>IHS Markit</b>		
17:35		<b>SESSION PRESENTATION</b> <b>A Look into Sustainable Base Oils &amp; Lubricants</b>	
		<ul style="list-style-type: none"> <li>Reviewing regulations VGP, CWA &amp; IMO in relation to bio based lubes</li> <li>Classifications (ISO 6743) I include “others” which are biohydrocarbons and Estolide</li> <li>Performance – The right application for the right product</li> </ul>	
		 <b>Mark Miller</b> CEO <b>Biosynthetic Technologies</b>	
18:05		<b>SESSION Q&amp;A</b>	
18:25		<b>CONFERENCE PRESENTATION</b> <b>CIS Base Oils Market Developments</b>	
		<ul style="list-style-type: none"> <li>Impact of Russian Base Oils Imports on European Market</li> <li>Latest Updates on Growing Production Units for Group II &amp; III</li> <li>Impact of IMO 2020 on CIS Market</li> </ul>	
		 <b>Denis Varaksin</b> Director, Base Oils and Slack Waxes <b>DYM Resources</b>	
18:55		<b>NETWORKING DRINKS</b> Sponsored by <b>Lubrizol</b>	<b>RECEPTION</b>
19:55		<b>CLOSE OF DAY ONE</b>	
	<b>DAY 2</b> Thursday 21st November 2019		
08:00		<b>REGISTRATION &amp; COFFEE</b>	
08:30		<b>NETWORKING ACTIVITY</b> <b>Speed networking</b> This is your opportunity to make 10 brand new contacts before the sessions begin on Day Two	
09:00		<b>Chair's Remarks</b>	
		 <b>David Whitby</b> Chief Executive <b>Pathmaster Marketing Ltd</b>	
09:05		<b>CONFERENCE PRESENTATION</b> <b>Changing Mobility Patterns and Their Effect on Lubricant Basestock</b>	
		 <b>David Whitby</b> Chief Executive <b>Pathmaster Marketing Ltd</b>	



09:35	<b>CONFERENCE PRESENTATION</b> <b>The new world: single sourcing and risks due to</b> <ul style="list-style-type: none"> <li>Additive and Base Oil availability in light of Globalisation (centralized production in large units)</li> <li>Logistics</li> <li>Regulation (various regulations around the world as a barrier for use)</li> </ul>  <b>Stephan Baumgärtel</b> CEO <b>Verband Schmierstoff - Industrie e.V.</b>	13:45	<b>CONFERENCE PRESENTATION</b> <b>"Black Swans in future transportation" - innovations that could be radical change agents in future transportation technology</b>  <b>Paul Kerwin</b> Base Oils Account Director <b>Multisol (a division of the Brenntag Group)</b>
10:05	<b>CONFERENCE PRESENTATION</b> <b>Current Advances in Crankcase Lubricants</b> <ul style="list-style-type: none"> <li>Fuel economy in focus</li> <li>Lubricants for hybrid powertrains</li> <li>New lubricant test sequences</li> </ul>  <b>Boris Zhmud</b> CTO / Head of R&D <b>BIZOL</b>	14:15	<b>CONFERENCE SESSION SIX</b> <b>2020 Readiness - Fuel switch</b> <ul style="list-style-type: none"> <li>2020 Fuel Availability and Composition – What are these fuels likely to consist of and what will the relevant properties be like (Viscosity, Catfines, HFO vs Distillate)?</li> <li>In-field Experience with Low Sulphur Fuel Effect of Marine Emissions Directive on Fuel Quality and Engine Oil Demand</li> <li>Potential Lubrication Issues with Future Fuels – How will these be address in preparation for 2020?</li> <li>Power to liquid fuels: will they save the automotive industry?</li> </ul>
10:50	<b>MORNING REFRESHMENTS</b> <b>NETWORKING ACTIVITY</b> <b>Business Card Contest</b> We are offering a prize to whoever manages to collect the most business cards over two days.	14:15	 <b>Piotr Bielaczyc</b> Department Head - Engine Research <b>BOSMAL Automotive R&amp;D</b>
11:20	<b>CONFERENCE PRESENTATION</b> <b>3D Printing challenges and their influence in the metalworking fluids</b> <ul style="list-style-type: none"> <li>3D Printing challenges, possibilities to carry out 3D geometries, advantages and disadvantages</li> <li>Potential use of 3D printing in cutting tools and inserts. Possibilities to develop self lubricant materials</li> <li>Challenges in lubrication of additive manufacturing tools in comparison with actual cutting tools</li> <li>Type of test that might be used to determine the potential and properties of additive manufacturing tools</li> </ul>  <b>Amaya Igartua</b> Coordinator of Materials initiative <b>Tekniker</b>	14:45	<b>SESSION PRESENTATION</b> <b>Preparing for 0.50% S Operation and the IMO Sulphur Limit - Perspectives from an engine designer</b> <ul style="list-style-type: none"> <li>0.50% S Fuels</li> <li>Expected and actual properties of 0.50 S fuels</li> <li>Guidance on what to pay attention to concerning the fuels' properties</li> <li>LNG, ethane, methanol, LPG – dual fuel engines.</li> <li>Cylinder Lubrication – Recommendations and Service Experience</li> <li>How the fuels affect the equipment on-board</li> </ul>  <b>Julia Svensson</b> Research Engineer <b>MAN Energy Solutions</b>
12:15	<b>LUNCH</b>	15:15	<b>SESSION PRESENTATION</b> <b>Alternative Fuels and Their Use in the Next Decade</b>  <b>Stefano Golini</b> Base Engine Leader For Natural Gas Industrial Engines <b>FPT Industrial</b>
		15:45	<b>Chair's Closing Remarks</b>

# European Base Oils & Lubricants Summit 2019

Rotterdam, The Netherlands

20th–21st  
November  
2019

## Registration Is Simple

If you would like to register for this event or wish to find out more information, you can contact **Cheryl Williams** using any of the following methods:

+44 (0) 203 141 0623

[cwilliams@acieu.net](mailto:cwilliams@acieu.net)

<http://www.acius.net>

Postal Address:  
ACI Europe, 10 Gough Square, London, EC4A 3DE

## Registration Is Simple

Conference (Includes Documentation Packet)  
20th & 21st November 2019

£1,695  
(Excl. VAT)

Documentation Packet Only

£470.00

Please Note.

Members and customers of all supporting organisations are entitled to a discount off their conference package.

For more information please call +44 (0) 20 3141 0623

## Documentation Packet Available

We are selling European Base Oils & Lubricants Summit 2019 papers at just £440 (+£30 P&P). Simply tick the box on the booking form, send it with payment and your copy will be on its way to you after the meeting. This important manual will be a source of invaluable reference for the future.

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Discounts are available for multiple/group bookings. Please call **+44 (0) 203 141 0623** for more information.

### Cancellations

Substitutions are welcome up to 24 hours prior to the event. Cancellations must be received in writing no less than 3 weeks prior to the start of the conference; a full credit voucher towards a future ACI conference will be issued. Any cancellation received less than 3 weeks prior to the start of the event shall be deemed to be a breach of this contract by client, and accordingly, no credits will be given. Cancellations must be received in writing by mail or fax three weeks before the conference. Thereafter the full conference fee is payable. If for any reason ACI Europe Ltd decides to amend, cancel or postpone this conference, the conference fee will not be refunded. Furthermore, ACI Europe Ltd will not be responsible for covering airfare, hotel or other costs incurred by registrants. In the event that ACI Europe Ltd cancel or postpone the event, ACI Europe Ltd reserves the right to transfer this booking to another conference to be held in the following twelve months, or to provide a credit of an equivalent amount to another conference within the following twelve months. The construction, validity and performance of this agreement shall be governed in all respects by the laws of England to the exclusive jurisdiction of whose courts the Parties hereby agree to submit.

### Accommodation

The cost of accommodation is not included in the event fee. Preferential rates will be arranged with or near the event venue, and all confirmed delegates will be given details of how to book accommodation at this rate in due course.