

THE EUROPEAN BASE OILS & LUBRICANTS **INTERACTIVE SUMMIT 2018**

28th-29th NOVEMBER 2018. FLORENCE, ITALY

The 10th Anniversary Summit will feature:

- 250+ attendees and 15+ exhibitors
- Pre-Event Networking Drinks Reception sponsored by Lubrizol
- Exclusive Site Visit ENI Refinery Livorno Italy
- The OEM Seminar sponsored by Lubrizol : OEM Challenges 2030 and Beyond - join Lubrizol for this much-awaited Original Equipment Manufacturers (OEM) seminar, where key OEM from both the commercial vehicle and passenger car business areas will provide strategic insights into how to overcome current industry challenges.
- Parallel Streams dedicated to Industrial, Automotive and Bio-Based Lubricants allowing delegates to "lean in" and have in-depth discussions with like-minded peers.
- Structured networking activities: meet & greet, blackout bingo, speed networking, carpet bowls, drinks reception, gala dinner, social lotto and business card contest.
- Interactive format with on-stage interviews, panel discussions, in-conversation and lunch round tables. The summit will ensure that delegates receive content in a way that is engaging and interactive, that also allows for everyone to be part of the wider conversation.





























Exciting Event Format for 2018:

The OEM Seminar Sponsored by Lubrizol

The transportation industry is at an important crossroads: globalization, electrification, technology development, ongoing regulatory change & growth in emerging markets are set to change the face of the industry. Industry stakeholders are faced with an interesting dynamic as demand in mature markets is reducing, whilst emerging markets continue to show further growth. These are likely to be significantly impacted by rapidly changing events across the entire value chain – from evolving consumer preferences in cars, and the needs of fleet operators or managers, to the operation of broader distribution channels with expanding supply chains. To remain as market leaders, companies across the vehicle value chain need to assess how well they are prepared to respond to the evolving industry trends. This will allow manufacturers to capitalize on the opportunities that lie ahead. OEMs will need to ask themselves how and where these demands will evolve, as well as how their products and business models need to be adapted to these changes.

Parallel Streams

The streams give you the opportunity to hone in on your main business area. The agenda is designed specifically to provide targeted content for each area of expertise.

On-Stage Interviews

Attend live on-stage interviews with some of the industry's leading experts to hear their thoughts on latest industry developments and key challenges/opportunities ahead.

Structured Networking Opportunities

Meet & Greet

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

Lunchtime Round Tables

Join our interactive round tables, where you will have the opportunity to network with those sharing similar interests and/or responsibilities to discuss the latest market trends and opportunities in a more informal environment.

Blackout Bingo

You will get a Blackout Bingo card which will be stamped by every Sponsor/Exhibitor you meet. Once you've filled your Blackout Bingo card you will be entered into a prize draw.

Business Card Contest

We want to see you build your network and contact list as much as possible. Therefore, we are offering a prize to whoever manages to collect the most business cards over the two days.

Carpet Bowls

Test your precision and patience with a friendly game of carpet croquet whilst networking with fellow attendees.

Speed Networking

This is your opportunity to make 10 brand new contacts before the sessions begin on Day Two.

Social Lotto

Taking place during the Pre-Event Networking Drinks Reception, Social Lotto is a fun way to network and win yourself a prize.

Align Yourself with the Great & Good in Base Oils & Lubricants

As a sponsor, we will help you forge new business relationships, share your experiences and position yourself as a go-to expert in your sector.

Showcase Your Expertise

Whether you are a market leader or a medium size player, exhibiting is a robust platform for meeting new customers, reaching out to your existing clientele, and building a more established and reliable brand. Take an exhibition stand, and be located within the busy networking area where all breaks are held, giving great exposure to your brand, product and employees. If you're bringing a new technology/product to market, this is a fantastic opportunity for you to demonstrate to your prime audience.



Welcome The Industry

Get superb brand awareness by hosting the Gala Dinner or Main Drinks Reception, providing hospitality for the entire base oil & lubricants audience. We can arrange special entertainment to make your hosted reception more memorable like musical entertainment, wine and whisky tasting or even cocktail making! Make sure your team are there to meet the key players in the industry as attendees are sure to stick around for a relaxing drinks & dinner after day 1 of the conference.

Sponsorship & Exhibition

Jenevieve Rodrigues +44 (0) 20 3141 0636

jrodrigues@acieu.net

Increased Brand Awareness

Ensure you get your brand noticed at the industry's leading European base oils & lubricants event. As well as your logo featuring on stage sets, why not ensure you meet your clients by sponsoring the wifi or Blackout Bingo to maximise traffic to your stand.

More Sponsorship Opportunities Include:

- Speaker thank you goody bags; get your solutions and services directly to industry leaders
- Branded materials such as; laptop bags, notepads, lanyards and badges that provide top-of-mind awareness to all attendees



Align Yourslef With Companies Such As:

Penthol * SEA-TANK TERMINAL ANTWERP NV * Tank Opslag Verbeke * Oiltanking Europe * Interflon BV * Inspectorate * Optima Group * ChemPoint - A Univar Company * ABB * "Noord Natie Terminals" * Sunoil Europe AS * Port Of Ghent * Van Meeuwen Lubrication BV * Petro-Canada Europe Lubricants Ltd. * Braskem Netherlands B.V * Cockett Group * Nanotech Industrial Solutions * Haltermann Carless UK Ltd. * Haltermann Carless Deutschland GmbH * INEOS Entreprises * Finke Mineralölwerk GmbH * LANXESS * "PETRONAS LUBRICANTS BELGIUM" * BfB Oil Research S.A. * Lubes'n'Greases * Kuwait Petroleum (Belgium) N.V. * Biona Jersin * Kerax Hyperdrive * Nyco * Cipelia - CANDRA * BRB International BV * SGS Belgium NV * Lubes 'n' Greases * CRC Industries * VLS-Group Germany GmbH * Wolf Oil Corporation * Galp Energia, S.A * Oil Recruitment UK Ltd * MOL Group * OK-a.m.b.a * De Oliebron BV * Avista Oil AG * Patech Fine Chemicals Co. Ltd * Houghton Deutschland GmbH * Connect Chemicals * Geo Spcialty Chemicals UK Ltd * Caspian Chemicals * Lube Magazine * LEROUX & LOTZ TECHNOLOGIES * Intertek Belgium NV * LBC ANTWERPEN NV * IPAC Inc * FG Chemicals Ltd * Kluber Lubrication * Infinity Oil * SK Lubricants * Daelim Industrial Co.,Ltd. * Top Oil Services S.r.o * NNPC Retail Ltd * SIP Ltd * JVLL LLK-NAFTAN * CEPSA * AZELIS ESPANA S.A. * Chemlube SA * Cogelsa * Koole Terminal * Oleon NV * SGS United Kingdom Limited * SGS OGC - Vernolab * Paramo * Transport Mervielde N.V * PCS Instruments * Witmans Industrial Ctd * Croda Europe * LCC SV Azmol-BP * LCC Agrinol * Himbalt SIA * MDD-BEL * Lubrizol Ltd * and many more

Exclusive Site Visit to eni's LIVORNO Refinery

Tuesday 27th November 2018

The afternoon prior to the conference, a limited number of conference delegates will receive a unique opportunity to join the site visit at Eni's Livorno Refinery

There is **no extra charge** to attend the site visit but spaces are limited and allocated to conference delegates on a first come, first served basis.

Data About the Eni Livorno Refinery

5200 kt/v Balanced Capacity 620 kt/y Lubricants & Specialties Production Capacity 180 ha Surface 1,55 Mm3 (330 tanks) Storage Capacity 26 k m3 (125 tanks) Blender Oil Storage Capacity Over 100 Products 381 Direct Employees



Logistics:

2 Petroli Docks, 1 Eni Ugione Dock, 350 ships/y, 10 pipelines and 1 gas pipeline, 2 pipelines of linking with Calenzano (FI)

Production:

Fuel Cycle Main products, LPG, propane, butane Gasoline, Jet fuel, Gasoil & Solvents (VN,BAP,Lamium)

Lubricant Cycle Main products:

Lubricants basis, Waxes, Petrolatum, Bunker fuel oil & Bitumen

Lubricant Cycle specialties:

Polymer modified bitumen, RAE, TDAE, White petrolatum

Preliminary Itinerary

13:00 - Bus Departs from conference Hotel

14:00 - Arrive at eni Livono Plant

14:30 - Technical Tour of the Facilities

16:30 - Depart from eni Livono Plant

17:30 - Bus Arrives at conference Hotel





Media and Association Partners:





































































Tuesday 27th November 2018

18:00

Pre- Summit Networking Drinks Reception, sponsored by **Lubrizol**



NETWORKING ACTIVITY SOCIAL LOTTO

Taking place during the drinks reception, Social Lotto is a fun way to network and win yourself a prize

DAY 1

Wednesday 28th November 2018

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



Paul Kerwin
Base Oils Account Director
Multisol (a division of the
Brenntag Group)

09:15

CONFERENCE SESSION Base oils and Lubricants Market Overview

- Base oils and lubricants market outlook future quality drivers and major changes affecting the industry
- Impact of Group I plant closures on Brightstock supply – what are the alternatives?
- Evolution of base oils & additives moving to higher performance lubricants
- Impact of Brexit on the European base oils market
- Challenges in supply chain management
- How to deal with unprofitable unit closures across Europe



Luca Arcangeli Senior Vice President Lubricants Business Unit and Special Products FNI



Sharbel Luzuriaga Project Manager Kline Energy

09:40

CONFERENCE PRESENTATION Supply Chain Logistics



Mila Kozomara Marketing Manager Shamrock Shipping and Trading CONFERENCE PRESENTATION

The rise of Group II base oils in Europe: how structural change is impacting prices

Changes in Group I and Group II supply, trade flows and procurement patterns

How new legislation is driving demand for premium grade base oils

What does this mean for domestic Group I supply and demand

Price outlook for the next 12 months



Catherine Caulfield Senior Market Reporter – European Base Oils Argus Media

10:35

CONFERENCE PRESENTATION

Critical Convergence: Sustainability, Performance, And The Future of Base Oils & Finished Lubricants



Soenke Moehr Director Global Sales, Marketing & Communication **Puraglobe**

11:05

MORNING REFRESHMENTS sponsored by NETWORKING ACTIVITY Perstorp 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.

11:50

CONFERENCE PRESENTATION
Impact of IMO Marpol Annex VI Regulation
on Fuels and Lubricants Pricing



John Leavens Director Oil Markets Midstream And Downstream IHS

12:30

CONFERENCE SESSION

CONFERENCE PRESENTATIONRevised EU Ecolabel for Lubricants

- Political background of the EU Ecolabel
- Practical information related to the adoption of the
- Other information of interest related to the number of current licences/type of lubricants/companies applying
- Presentation of the revised scope
- Presentation of the revised criteria



Candela Vidal-Abarca Garrido
Directorate B – Growth and
Innovation
European Commission



Florence, Italy

12:50

CONFERENCE PRESENTATION Amendment Viii to CLP Regulation on notification of poison centers

- Product Notifications –scope & duty holders
- Submission Process / Tools : PCN vs. national Tools
- Submission requirements: types and information requirements
- Update requirements
- How to prepare and critical points



Stephan Baumgärtel
CEO
Verband Schmierstoff - Industrie

13:10

SESSION Q&A

13:30

LUNCH NETWORKING ACTIVITY Round Tables

- The interactive round tables are limited to 10 people. Those who share similar interests and/or responsibilities will have the opportunity to discuss the latest market trends and opportunities in a more informal environment.
- Round table topics will be based on popular demand. These will take place during the first and last 30 minutes of the lunch break (13:30-14:00 & 14:30-15:00).

PARALLEL STREAM

15:00

CONFERENCE PRESENTATION CIS Base Oils Market Updates



Denis Varaksin Director, Base Oils and Slack Waxes DYM Resources

15:40

CONFERENCE PRESENTATION Tribology and outgasing of lubricants and fluids



Amaya Igartua Directora Unidad TEKNIKER

16:10

AFTERNOON REFRESHMENTS NETWORKING ACTIVITY

Carpet Bowls - Test your precision and patience with a friendly game of carpet bowls.

16:40

CONFERENCE SESSION Bio -Based Lubricants - Are These a Sustainable Alternative?

- Performance of EALs vs conventional lubricants in the field? what is the future direction of environmental solutions?
- What are the commercial and regulatory considerations?



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Florence, Italy

PARALLEL STREAM Lubrizol **OEMs Seminar** sponsored by **OEM Market Perspective** Summary of the key similarities and differences 15:00 **CONFERENCE PRESENTATION** between the major Ecolabel schemes Impact of WLTP and Global emission norms on An overview of Ecolabel compliant base stocks oils, lubricants and mobility industry technologies Resurgence of high efficiency gasoline engines: Mike Peters No Death knell till 2035 16:40 Technical Support & Developm ent Manager Sanjaat Jain Tech Specialist, SVO Powertrains Jaguar Land Rover Andrea Comparini 17:00 R&D Quality Manager 15:25 **CONFERENCE PRESENTATION** Agroils Technologies SpA **FPT Industrial Natural Gas Engines** A brief introduction of CNH Industrial and FPT Description of FPT's NG engines and technology John Eastwood 17:20 Environmental benefits of NG engines Marketing Manager Croda Lubricants Economic benefits of NG engines Stefano Golini Ronan Rocle 17:40 Base Engine Leader for Natural Gas Business Development Manager Industrial Engines **GLOBAL BIOENERGIES FPT Industrial** 18:00 **Session Q&A** 18:20 **END OF STREAM** 15:50 **Audience Interaction and Q&A** 18:15 CLOSE OF DAY ONE **AFTERNOON REFRESHMENTS** 16:00 **NETWORKING ACTIVITY** 18:15 PRE DINNER DRINKS Carpet Bowls - Test your precision and 19:15 **NETWORKING GALA DINNER** patience with a friendly game of carpet All event attendees are invited to the 16:30 **CONFERENCE PRESENTATION** Networking Dinner at no extra cost Using lubricants to maximise machine performance and uptime while minimising maintenance and cutting the total cost of ownership Donald McCarthy Lubricants Specialist Volvo 16:55 **CONFERENCE PRESENTATION** Johannes Houben Manager **FEV Consulting** 17:20 **Audience Interaction and Q&A** 17:30 Lubrizol - Seminar Wrap Up Greg Huss OEM Global Director **Lubrizol Corporation** Simon Evans



Regional Manager OEM Group

Lubrizol Corporation

END OF OEM SEMINAR

18:00

DAY 2

Thursday 29th November 2018

08:00

REGISTRATION & COFFEE

08:30

NETWORKING ACTIVITY

Speed networking

This is your opportunity to make 10 brand new contacts before the sessions begin on Day Two.

Parallel Stream A: Industrial Lubricants

09:00

Chair's Opening Remarks



Andrianne Philippou Editor Lube Magazine

09:10

CONFERENCE PRESENTATION



Andrzej Chodyniecki CEO/Head of Sales Division GQOIL Innovation Europe Sp. z o.o.

09:55

ON-STAGE INTERVIEW

Donald McCarthy, Lubricants Specialist, Volvo Construction

Interview by Andrianne Philippou, Editor, Lube Magazine

10:25

CONFERENCE PRESENTATION

Increasing the margin by decreasing lubricant consumption



Holger Streetz International Operations Manager Bathan AG

11:00

MORNING REFRESHMENTS

NETWORKING ACTIVITY Business Card Contest

We are offering a prize to whoever manages to collect the most business cards over two days.

11:45

CONFERENCE PRESENTATION



Michel Sanchez-Rivas
PAO Market Development
Manager
INEOS Oligomers

Parallel Stream B: Automotive Lubricants

09:00

Chair's Opening Remarks



Paul Kerwin
Base Oils Account Director
Multisol (a division of the
Brenntag Group)

09:10

CONFERENCE PRESENTATION

Fatty Amine Chemistry to reduce friction in Automotive Lubricants



Toby Stein Global Technical Marketing Manager Lubricants & Fuels Nouryon

09:50

CONFERENCE PRESENTATION



Lina Cressent-Brandao Sales and Marketing Executive Base Oil Division **Petronas**

10:20

CONFERENCE PRESENTATION

Motor oil, fuel economy and real driving emissions in the era of e-mobility

Zero-emission hype: the CO2 footstep of electric cars

- · Hybrid powertrains: pros and cons
- Low friction powertrain development
- Engine lubricants: trends and challenges



Boris Zhmud CTO / Head of R&D Bizol

11:05

MORNING REFRESHMENTS NETWORKING ACTIVITY Business Card Contest

We are offering a prize to whoever manages to collect the most business cards over two days.

11:50

CONFERENCE PRESENTATION

Current trends of Lubricants forces also the effort of Additives R&D to find alternative solutions to "standard" products

- The strategic commitment of Eni to sustainability is also declined as energy efficiency maximization
- In the field of lubrication, Eni is looking to a holistic approach and works to make lubricants from renewable, low carbon footprint sources, enabling OEMs to introduce new and more energy saving technologies.



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Florence, Italy

Parallel Stream: Industrial Lubricants

12:30

CONFERENCE PRESENTATION Rerefined Base Oils – A sustainable alternative for the formulation of industrial lubricants

- Sustainability of rerefined base oils
- Comparison of basic properties of different base oils used for the formulation of industrial lubricants
- Selected examples of formulations for different industrial lubricants and comparison of properties



Detlev Bruhnke CTO AVISTA OIL AG

13:15

LUNCH

NETWORKING ACTIVITY Round Tables

- Those who share similar interests or responsibilities will have the opportunity to discuss the latest market trends and opportunities in a more informal environment.
- Round table topics will be based on popular demand and will take place at 13:45-14:15 & 14:45-15:15

14:45

CONFERENCE PRESENTATION

Bio-greases for Loss lubrication systems

- New era for bio-greases
- How can a bio-grease be defined
- Applications for accidental and total loss lubrication within different segments



Johanna Larsson R&D Lab manager & Senior Development enginee Axel Christiernsson

15:30

CONFERENCE PRESENTATION

Advantages of Synthetic Ester Base Oils – Reasons for Growth

- Tunable Properties of Polyolesters
- Synthetic vs. Biobased Materials
- Biodegradability as key feature for EALs and EU Ecolabel



Jens Kubitschke Application & New Business Development Manager OXEA

Parallel Stream: Automotive Lubricants

 The presentation will provide an overview of the Eni R&D Projects in the field of lubricant components and lubricants.



Alberto Roselli Senior Representative R&D Lubricants & Additives

12:20

CONFERENCE PRESENTATION CURRENT TRENDS OF LUBRICANTS DRIVE EFFORT OF ENI ADDITIVES TO FIND ALTERNATIVE SOLUTIONS TO "STANDARD" PRODUCTS

- Eni Additives is looking to add to the market new packages to formulate lubricants from renewable and sustainable sources able to satisfy the most stringent performance specifications
- The presentation will provide a detailed case study of a new package



Luca Salvi Additives Manager **ENI**

12:50

CONFERENCE PRESENTATION Effect of Evolving Mobility Patterns on the

Long Term PCMO Demand Outlook



Sharbel Luzuriaga Project Manager Kline Energy

13:35

LUNCH

NETWORKING ACTIVITY Round Tables

- Those who share similar interests or responsibilities will have the opportunity to discuss the latest market trends and opportunities in a more informal environment.
- Round table topics will be based on popular demand and will take place at 13:15-13:45 & 14:15-14:45)

15:05

CONFERENCE PRESENTATION

Practical experience in R&D and application of lubricants in light of new emissions regulations and test methods and CO2 emissions limitation



Piotr Bielaczyc

Head of Engine Research BOSMAL Automotive R&D Institute Ltd



Florence, Italy

Parallel Stream: Industrial Lubricants

16:15

CONFERENCE PRESENTATION
Changing mobility patterns and their effect
on the Lubricant Basestock

Technological developments impacting the industry

Market tendency in GII & GIII Increase in demand for PAO & GIV The future of light grades in GI



Ákos Nemesyik Lubricants Product Development and Application Center Mgr MOL-LUB Ltd

17:00

END OF INDUSTRIAL LUBRICANTS STREAM

Parallel Stream: Automotive Lubricants

15:50

CONFERENCE PRESENTATION New polymeric OFM by Structure Modelling Technique

- Explanation polymeric structure modelling
- Key structure parameters and design optimized polymeric OFM
- Friction and wear testing new polymeric OFM
- Performance comparison benchmark polymeric OFM products



Ronald Hoogendoorn
Regional Manager Europe & US
Patech

16:35

CONFERENCE PRESENTATION How to Verify Oil Filtration Efficiency

- Oil analysis; one number one truth?
- Automatic particle counting vs oil sampling and your senses
- 5 old school tools to verify filter efficiencies
- Visual inspection tool
- Shaking tool
- Cooling tool
- Microscope on used filter tool
- Magnet tool
- Cellulose depth media vs glass fiber media
- Multi-pass test and depth media oil filters



Steffen Dalsgaard Nyman CleanOilConsult & C.C.JENSEN A/S

17:20

END OF A

AUTOMOTIVE LUBRICANTS

17:30

IN-CONVERSATION

Join our speakers for an informal conversation to discuss event highlights and key practical takeaways



Andrianne Philippou Editor, **Lube Magazine**



Paul Kerwin
Base Oils Account Director
Multisol (a division of the Brenntag Group)

17:50

END OF CONFERENCE & AFTERNOON REFRESHMENTS





MACI

4. Terms & Conditions

and refreshments.

the signed contract.

hereby agree to submit.

Accommodation

Cancellations

Registrations must be received in writing. Please complete and mail or fax

includes program materials, continental breakfasts, networking luncheons

Payment: Payment must be received within five business days of returning

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 cost of accommodation is not included in the event fee. Preferential

the laws of England to the exclusive jurisdiction of whose courts the Parties

a copy of registration form with a check or credit card number. Fee

REGISTRATION FORM SALES CONTRACT

1. Registration Fees

Please check your selection (X)

(Includes Documentation Packet)	£ 1,595 *(ex vat)
Documentation Packet Only	£ 470.00

We are selling the European Base Oils & Lubricants 2018 Summit paper at just £445 (+£25 P&P). Simply tick the box on the booking form, and your copy will be on its way to you after the meeting.

2 Organisation Details

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. Signature:
Delegate 3 Details: Full Name: Job Title:
Delegate 4 Details:
Full Name:
Job Title:
☐ Invoice

Please return your completed registration form to: Simona Norkunaite

Email: simonan@acieu.net Phone: +44 (0) 203 141 0642 Fax: +44 (0) 207 593 0071