

19-Sept
2025

CTQ NEWSLETTER

Monthly bulletin of Ctq GmbH

Issue # 09

Julia Sack

Sustainability exhibitions this autumn in London

Recycling Expo UK & EMEX 2025: Waste management expo & energy management and smart building expo

On October 07-08th 2025 Recycling Expo in ExCel London for dedicated waste management, recycling and sustainability trade show takes place.

On November, 19-20th in ExCel London EMEX 2025 will take place. This is a leading event in the UK for energy management and engagers working towards a net zero future. Promising business and conferences program this year and impressive list of participants is awaiting the visitors this year.



Sustainability exhibitions in London in autumn 2025

Ctq GmbH announces GxP audit program

We in Ctq are delightful to announce the GxP Audit Program for our customers this and next year. This program covers mainly main areas of attention as follows:

- ISO 17025 - General requirements for the competence of testing and calibration laboratories
- GxP Practices
- GLP - Good Laboratory Practices
- Follow-up management

In case of interest in implementation of the program in your organization please contact us via Ctq webpage or via e-mail under ctq@consultingtestingqualitaet.com

How to: how to be prepared to my next certification?

We in Ctq have performed a webinar as per Ctq webinar program 2025 on one of the topics from how-to area. How to: how to be prepared to my next certification? For those who wasn't able to join the webinar we are please to provide the recording on our Ctq webpage:

<https://cdn.website-editor.net/62aad814c6f140e68d6f22db62e8d3a3/files/uploaded/video1364931991.mp4>



Ctq webinars this year

Ctq GmbH in product compliance tests

Ctq GmbH supports product compliance tests

We in Ctq GmbH support our clients with product compliance tests. This includes the sampling and tests on product features within post-market surveillance and checks on product compliance for the markets.

If you have interest on your company products to test, please feel free to contact us. We will be glad to assist you on the way to customer satisfaction and product compliance.

Ctq as Sustainability Contributor 2025

Ctq GmbH was presented as Sustainability Contributor this year. This trophy awards our sustainability commitments and achievements in CSR. We would thank for support on our way and promise, it will be more!



Ctq GmbH as sustainability Contributor 2025

Sustainability context

We in Ctq have initiated a new section in our newsletter titled Sustainability context

Here we'll provide you with brief overview on publications, books and sources to sustainability and ESG topics. Please have a seat and be our guest. Are you ready? Then let's go.

Top-5 books and publications for September:

- Tradition or climate, Business Spotlight 9/25
- The Swedish taste of success, Richard Mote, Business Spotlight 9/25
- Mobility IAA Updates: smart, clean & self-driven - connection, autonomous drive and sustainability, Focus, Issue 36 August 2025
- C'T, magazine for computer and technique, issue 20, Sept 2025
- Enterprise economy: law drafts for CSRD implementation and changes in German Supply Chain Act/LkSG, Inge Wulf, Partick Velte, Enterprise Journal/ Der Betrieb, issue 39, Sept 2025

Happy and sustainable reading in September! And stay in context.

Your Ctq GmbH Team

Lubricant Expo 2025 in Düsseldorf

Exhibition report

Julia Sack

Gather round, hello and autumn welcome to everyone after summer vacation in our section 'Hero of the month' where we usually meet and greet fabulous and outstanding 'heads' to clarify on important topics of environment, sustainability, governance and actuals.

This autumn starts for us with important and promising event in exhibition calendar Düsseldorf – Lubricant Expo 2025. Lubricant Expo took place this year on September, 16-18th in Messe Düsseldorf hall.

This September during Lubricant Expo we had a chance to meet the experts from the industries, speak with visitors and know the opinions on actuals and topics of sustainability and environment from lubricant producers. Business and conference programs proposed different topics to discussion for speakers and participants.

Who is the Hero of the Month now?

This time we had a chance to know about the feedback and opinions on exhibition from its participants - Mr. Simon Westlake, Sr. Director, Lubrizol Corporation, and Mr. Johnathan Marshall, Test Development Engineer, Lubrizol Corporation. They shared the video feedback on exhibition, current trends and sustainable approaches in the industry.

We would thank Blueprint Exhibitions and Conferences Ltd for organization of the exhibition this year, speakers and exhibition participants. We took notes during the exhibition to provide you with this report afterwards. What comes from this, please read here and after.

JS: Dear all, this is to provide the summary and exhibition report Ctg GmbH notes during and after Lubricant Expo 2025.

Lubricant Expo 2025 September, 16-18th is over.

Lubricant Expo Europe 2025 in Düsseldorf was a resounding success, featuring 250+ exhibitors, 90+ conference speakers, and welcoming over 4,000 visitors from across the lubrication industry.

The event offered a unique opportunity to connect with decision-makers, innovators, and peers from the entire lubrication ecosystem - helping attendees find the people and solutions they need, regardless of the challenges they face.

The attendees were thrilled by the record-breaking presence and the high-quality discussions throughout the three-day event.

This year's conference line-up 'Building a Sustainable and Competitive Lubricants Sector' set the stage for insightful discussions focused on driving innovation, efficiency, and environmental responsibility within the industry. insightful discussions aimed at driving innovation, enhancing operational efficiency, and promoting environmental responsibility within industry. The key focus areas include adopting emerging technologies, streamlining processes to reduce costs and resource usage, and implementing sustainable practices to align with global environmental standards. The insights gathered offer actionable strategies for organizations seeking to remain competitive while contributing to a more sustainable future.

It captured forward-looking discussions and expert insights on the evolving landscape of the lubricants industry, with a strong emphasis on innovation, sustainability, and technological transformation.

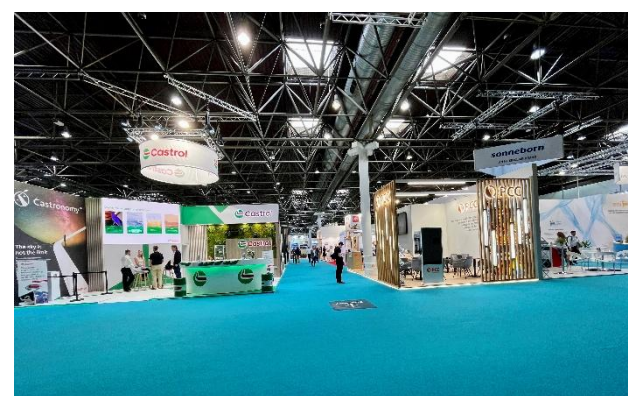
Key topics explored include the emergence of hydrogen as a future fuel and its implications for lubricant formulation in combustion engines, alongside the growing importance of environmentally acceptable lubricants (EALs), biobased and renewable solutions, and the certification challenges they present. As vehicle technologies evolve, particularly with the rise of electrified vehicles (xEVs), the report highlights advances in lubricant testing methodologies tailored to next-generation mobility.

The industry's shift toward environmental responsibility is further underscored by initiatives to phase out hazardous chemicals and adopt safer, more sustainable alternatives. Artificial intelligence (AI) features prominently, both in optimizing lubricant performance and in enhancing production and supply chain efficiencies.

Additionally, the conference program addressed market dynamics, such as the changing expectations of lubricant buyers,



Lubricant Expo 2025 on September, 16-18th 2025, Hall 9 Messe Düsseldorf, Düsseldorf, Germany



During the exhibition



Ctg on Conference Line-up Lubricant Expo 2025

signaling a broader shift toward transparency, customization, and value-driven purchasing.

Collectively, these discussions reflect a sector actively redefining itself through technological progress, regulatory alignment, and a commitment to sustainability.

These are the main points of discussion during panels of conference line-ups:

A. Hydrogen Horizons: Shaping Lubricant Requirements for the Future of Combustion



Lubricant Expo 2025



Lubricant Expo 2025 Participants



BASF company participates in Lubricant Expo 2025, Düsseldorf

Engines

This session focused on the evolving role of hydrogen as a fuel source and how it influences the formulation and performance requirements of lubricants in combustion engines. It highlights the challenges and opportunities in developing lubricants that can withstand the unique operating conditions of hydrogen-powered engines, ensuring durability, efficiency, and environmental compliance.

B. Designing and Certifying EALs, Biobased & Renewable Lubricants, Additives and Base Oils

This session addressed the development and certification processes for environmentally acceptable lubricants (EALs) and renewable lubricant components. Emphasis is placed on balancing performance with sustainability, navigating regulatory requirements, and advancing biobased additives and base oils that reduce ecological impact without compromising product quality.

C. Next-Gen Testing for Next-Gen Vehicles: Advances in xEV Lubricant Evaluation

With the rise of electric and hybrid vehicles (xEVs), this topic explores new testing protocols and evaluation techniques tailored to the unique lubrication needs of next-generation powertrains. It covers innovations in lubricant formulation and testing that ensure optimal performance, reliability, and longevity in electrified vehicle systems.

D. Phasing Out Hazardous Chemicals

This panel centered on strategies and regulatory drivers for eliminating hazardous chemicals from lubricant formulations. It explores alternatives that maintain or improve performance while enhancing safety and environmental profiles, alongside the challenges involved in reformulation and market adoption.

E. Applying AI to Streamline Lubricant Production and Supply Chains

This panel highlighted the transformative impact of artificial intelligence on lubricant manufacturing and logistics. AI-driven tools enable enhanced process optimization, predictive maintenance, demand forecasting, and supply chain transparency, resulting in cost savings, improved efficiency, and reduced environmental footprint.

F. Leveraging AI for Optimal Lubricant Performance

Focusing on product development, this session examined how AI and machine learning algorithms accelerate the design of advanced lubricants by predicting performance outcomes, optimizing formulations, and enabling real-time monitoring and adaptive responses in applications.

G. Driving Innovation in the Lubricants Sector

This broad discussion explores emerging technologies, research initiatives, and collaborative efforts aimed at pushing the boundaries of lubricant science. It underscores the importance of innovation to meet evolving market demands, regulatory pressures, and sustainability goals.

H. The Buyer Revolution and What It Means for You



Conference panel during Lubricant Expo 2025

This session analyzed shifts in buyer behavior within the lubricant market, emphasizing increased demand for transparency, customization, and value-added services. It discusses how suppliers must adapt their strategies to meet the expectations of more informed and empowered customers.

Simon Westlake about Sustainability on Lubricant Expo 2025 and impressions on exhibition –

SW: Performance will be very important for future-proofing products.

I mean, we're talking about the whole product range. We've got a conversation going on over there about industrial.

We've got someone here who's focusing on our driveline technologies. And I know another customer over there, I was hearing him talking about one of our latest assets, one of our CB9660. So, you know, we're covering all the bases here.

It's really quite exciting to hear all this buzz and energy going on.

Johnathan Marshall about Sustainability and what is important today from that perspective–

JM: Changes in regulations, carbon footprint, connection to recent performance, evolution of industry. Today it's about lubricant expert talking points and Lubrizol expertise in the industry.

Sustainability topics, life cycle analysis are coming more and more.

I think it's the complete package that people are interested in. You know, we're not just selling an additive package.

We've got all that background testing information. So, people take a lot of credence from that.

JS: Ladies and gentlemen, that were Simon Westlake and Johnathan Marshall on Lubricant Expo.

We from Ctq GmbH would thank for the opportunity to be on the exhibition this year and are looking forward next year saving the dates in the calendar for September, 15-17th 2026. Hope to see you there!



Next Lubricant Expo in Düsseldorf invites to Messe Düsseldorf on September 15-17th, 2026