
ATIEL & UEIL Joint Sustainability Committee

Press Release

Industry-First Certification of Methodology for Product Carbon Footprint Calculations for Lubricants, Greases and Other Specialities

17th October 2024

ATIEL and UEIL are pleased to announce an industry-first certification of the 'Methodology for Product Carbon Footprint Calculations for Lubricants, Greases and Other Specialities' by TÜV Rheinland Energy GmbH. This marks a significant milestone in the global effort to standardise carbon footprint calculations for lubricants, fluids, and greases, reinforcing the methodology's credibility and trustworthiness across the industry.

First published in September 2023 and developed in collaboration with external advisors and Carbon Minds, the ATIEL and UEIL methodology provides a harmonised approach to calculating Product Carbon Footprints (PCFs) across the lubricants, greases and specialities sectors. Now, with TÜV Rheinland's certification, companies can further validate their PCF calculations through third-party certification, driving consistency and transparency across value chains.

TÜV Rheinland Energy GmbH (hereinafter TÜV Rheinland) has carried out an independent certification of the Methodology for the Calculation of Product Carbon Footprint of Lubricants, Greases and Specialities by UEIL and ATIEL. Based on the following main standards and guidelines: ISO 14067: 2018, GHG Protocol Product Standard: 2011, the reviewer concludes that the PCF methodology approach, is scientifically based and reflects the state of the art. The approach and principles behind the methodology are generally appropriate for the assessment of potential greenhouse gas emissions impacts of lubricants, greases and other specialities. The presented approach as well as the calculation examples are coherent, transparent and comprehensible. Necessary recommendations for the documentation were discussed and implemented. For the future, TÜV Rheinland recommends to continually enhance the methodology in line with the developments in science, technology and lubricant industry and to adapt the methodology accordingly. Specifications and assessment limits can be found in the review report. The validity can be authenticated using the QR code, or the test mark ID at www.certipedia.com.

Mattia Adani, UEIL President, emphasised, "This certification by TÜV Rheinland is a groundbreaking achievement for the European and global lubricants industry. It underlines the importance of our joint efforts in shaping a sustainable future for our sector. This recent development now allows stakeholders to obtain third-party certification of their PCFs in

accordance with the ATIEL and UEIL methodology, strengthening trust and collaboration across the sector.”

Marco Digioia, ATIEL President highlighted, “We are proud to see the joint methodology officially certified. This certification affirms our commitment to environmental responsibility and solidifies the role of all partners involved in advancing sustainability in the lubricants industry. We remain dedicated to setting higher standards for carbon footprint calculations, ensuring a greener future for all.”

The certification is expected to pave the way for further harmonisation efforts across the global lubricants, fluids and grease industry, enhancing the credibility of PCF assessments and driving positive environmental impacts throughout the value chain.

The certification is authenticated using a QR code on the methodology document, or the test mark ID at www.certipedia.com. In addition, the methodology has undergone a revision and update to reflect the evolving landscape and the changing requirements of the industry. The ‘Methodology for Product Carbon Footprint Calculations for Lubricants, Greases and Other Specialities’ can be downloaded from ATIEL (atiel.eu/sustainability-committee/) and UEIL (www.ueil.org/sustainability/) websites.

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UEIL (the Union of the European Lubricants Industry) represents the interests of the lubricants industry in Europe, with a special focus on SMEs and independent companies that produce lubricants and metal processing fluids essential for the automotive and industrial sectors.

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ATIEL is the Technical Association of the European Lubricants Industry and a non-for-profit association (ASBL) representing the combined knowledge and experience of leading European and international engine oil manufacturers and marketers.

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