



Press Release

TÜV Rheinland validates the ATIEL and UEIL methodology to calculate and report Product Carbon Footprints (PCFs) for Lubricants and Other Specialties.

30th November 2023

On the 6th October ATIEL and UEIL were pleased to announce the publication of *'Methodology for Product Carbon Footprint Calculations for Lubricants and Other Specialties'*, a methodology developed by a task force consisting of UEIL & ATIEL members, external advisors and Carbon Minds.

Today we are delighted to announce at the ATIEL Technical Seminar *'The Lubricants Industry Driving Change'*, that TÜV Rheinland Energy GmbH has successfully reviewed the *'Methodology for Product Carbon Footprint Calculations for Lubricants and Other Specialties (Revision 1)'* and confirmed that it is compliant with international standards for calculating product carbon footprints, the first time such a validation has been conferred on a cradle-to-gate PCF methodology for the Lubricants, Grease and Specialties industry, anywhere in the world.

"TÜV Rheinland Energy GmbH (hereinafter TÜV Rheinland) has carried out an independent review of the UEIL/ATIEL methodology (developed by Carbon Minds GmbH and UEIL/ATIEL) for the calculation of Product Carbon Footprint of Lubricants and Specialties. Scope of the review was to check if the methodology meets the general requirements of the international standard ISO 14067: 2018 and GHG Protocol Product Standard. UEIL/ATIEL and Carbon Minds GmbH are responsible for the content and methodology. In accordance with the standard ISO 14067: 2018 and the GHG Protocol Product Standard, the reviewer concludes that the PCF methodology framework developed by Carbon Minds GmbH and UEIL/ATIEL 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 Climate Change of lubricants and other specialties. Furthermore the data planned to be used are appropriate for the goal and scope of the method. Necessary recommendations for the documentation were discussed and implemented by Carbon Minds GmbH. For the future, TÜV Rheinland recommends to continually enhance the PCF methodology in line with the developments in science, technology and chemical industry and to adapt the methodology documents accordingly."

This is an important step in recognizing the ATIEL / UEIL methodology as an international standard and ensuring that the Lubricants and Specialties industry has a method in which the whole global industry can have confidence, bringing a level of transparency and consistency that until today has not been possible for cradle-to-gate PCF calculations across the lubricants sector.



Mattia Adani, UEIL President highlighted that *'we are delighted that the methodology developed together with ATIEL and partners has been validated by TÜV Rheinland, a milestone achievement for the European and global lubricants industry'*.

Marco Digioia, ATIEL President stated that *"We are proud to announce the successful validation of our joint cutting-edge methodology by TÜV Rheinland. This validation underscores our unwavering commitment to environmental stewardship and transparency, reinforcing the position of all partners involved at the forefront of sustainable innovation in the lubricants industry. Through rigorous assessment and validation, we continue to pave the way for a greener, more sustainable future"*

Revision 1 methodology document can be downloaded from ATIEL ([ATIEL | Representative body for European lubricants industry](#)) and UEIL (<https://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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