



ATC Position on Recommended Methodology for Calculating Product Carbon Footprint for Lubricant and Fuel Additives

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Technical Committee of Petroleum Additive Manufacturers in Europe AISBL
Registered in Belgium: 0694709743
Registered Address: Avenue de Tervueren 188A, box 4, B-1150 Brussels, Belgium

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Introduction

The Technical Committee of Petroleum Additive Manufacturers in Europe (ATC) was established in 1974 for member companies to discuss topics of a technical and statutory nature that are of concern to our industry. ATC works to develop common industry approaches based on scientific and technical principles, to the benefit of end consumers and environmental protection in response to health, safety and regulatory legislation. ATC provides its members with a platform to build and share high-level technical expertise and to cooperate with relevant stakeholders active in the development of petroleum additive specifications and testing. Our members continuously innovate to find ways to improve the performance of lubricants and fuels, whilst ensuring that their products are safe when used as intended.

Product Carbon Footprint (PCF) Calculation Recommended Best Practice

ATC members, as chemical manufacturers, recommend Together for Sustainability's (TfS) 'The Product Carbon Footprint Guideline for the Chemical Industry'¹, as the most appropriate PCF calculation methodology for the global fuels and lubricants additive industry.

ATC believes the TfS guideline (cradle to chemical producer's exit gate) best serves the ambitions of upstream raw material suppliers and downstream stakeholders to calculate product carbon footprints, and to identify and implement actions and initiatives to reduce their own carbon footprint.

ATC recognises that the TfS guideline is both compliant with ISO 14067 and provides a specificity and level of detail that are appropriate to the fuels and lubricants additive industry.

Fuels and Lubricants Value Chain

ATC has for many years worked closely with other stakeholders in the fuels and lubricants value chains and recognises that it is imperative that stakeholders continue to work together on initiatives such as product carbon footprint calculations.

ATC recommends the TfS guideline to be the best and most appropriate methodology for the sharing of product carbon footprint data for fuel and lubricant additives in a transparent and consistent manner along the entire value chain; ATC welcomes and supports the work of our partners in the fuels and lubricants value chains in developing and maintaining harmonised (aligned) PCF methodologies and guidelines for both cradle to gate (lubricant formulator / marketers gate) and cradle to grave / end of life.

¹ The Product Carbon Footprint Guideline for the Chemical Industry - Specifications for Suppliers' Product Carbon Footprint Calculation, Chapter 5

Appendix:

Together for Sustainability (TfS) - <https://www.tfs-initiative.com/>

“Together for Sustainability is an industry-leading initiative driven by chemical procurement specialists. TfS members are chemical companies representing a global annual turnover of over €600 billion¹ and a global spend of more than €400 billion² in the chemical industry.

(¹ As of November 2022; ² Estimated figure)”

The new TfS Guideline for Product Carbon Footprint [PCF] and Corporate Scope 3 emission reporting (the Guideline) provides specific calculation instructions for emissions from “cradle-to-gate” for chemical materials. It harmonizes PCF calculation approaches across the industry and is applicable to the vast majority of chemical products. In the future, this will allow consumers and the wider market to directly compare and assess the climate impact of products.[...]

The detailed new guideline provides producers of chemical materials...and their suppliers with a step-by-step assessment approach addressing important aspects of the chemicals industry.

END