



# About us

Established in 1995, **ATIEL** the Technical Association of the European Lubricants Industry acts as the voice of the lubricant industry, using its members' collective expertise to push the boundaries of engine oil innovations to the benefit of the automotive industry, consumers and the environment.

Membership of **ATIEL** is open to manufacturers and marketers of lubricants with an official presence in Europe. Visit our website for details: [www.atiel.eu](http://www.atiel.eu)

## Our Vision

The lubricants industry is a silent force that ensures the seamless functioning of the engines, gears, and all components that power our daily lives.

In a new era of mobility, the lubricants industry emerges as a significant driver of change. Through their activities, ATIEL and its members engage in a long-term process of contributing to innovation and sustainability.

To this end, ATIEL's working groups address specific technical issues and maintain ongoing liaison with technical and engineering consultants, partner industry associations and automotive OEMs (original equipment manufacturer). These groups develop and promote a better understanding of how future regulatory trends, engine design changes and users' needs impact the supply of appropriate lubricants.



## Our Mission

By drawing on the technical know-how of its membership, ATIEL promotes consensus on key technical, product stewardship and sustainability issues. It ensures that engine oils continue to contribute to improved wear protection, deposit control, lower emissions and fuel economy CO2 emissions reduction.

Through its members' combined knowledge and experience, it develops scientifically sound guidelines, best practices and standards to key technical, environmental and quality issues that benefit all stakeholders, manufacturers, end-users and the lubricants industry.

ATIEL promotes the availability of superior quality products in the marketplace and aims at enhancing the reputation of the lubricants industry by providing expert advice and guidance to regulators and industry partners.



## Sustainability Now And In The Future

The lubricants industry is an essential part of a more sustainable Europe, developing environmentally friendly lubricants and fostering circular economy practices when feasible and without compromising performance.

Lubricants deliver an important portion of the decarbonisation of the EU: avoided emissions account for up to 5% of reduction per year in road transport CO2 emissions by 2030<sup>1</sup>.

Our industry continues to invest significantly in further research in this area in order that we can help drive and shape its transition into a competitive low-carbon economy.

The ATIEL Sustainability group addresses environmental issues with technical expertise (Product Carbon Footprints, Life cycle assessment, Re-refined base stocks) in liaison with UEIL (SMEs and independent lubricant companies) and other relevant industry stakeholders (ATC, API).

In conjunction with UEIL, ATIEL has developed a methodology to calculate and report Product Carbon Footprints (PCFs) for Lubricants, Greases and other specialties. This is a common standard that can be used by the whole lubricants industry, ensuring consistency and transparency throughout the entire supply chain.



<sup>1</sup> (Estimated)- Ricardo Energy & Environment, Lubricants Contribution to Fuel Economy, 2019

## Promotion Of Quality And Performance

ATIEL promotes the compliance of lubricants with quality standards and legislation. In order to provide consumers absolute confidence in the quality of their lubricants, we developed together with ACEA (vehicle manufacturer) and ATC (additive manufacturer), the European Engine Lubricant Quality Management System (EELQMS), a comprehensive framework for lubricant marketers to design, develop, manufacture and market engine lubricants in adherence to ACEA standards. In that context, it also provides information, training, and education to stakeholders - private and public - and consumers.

The ATIEL Code of Practice (CoP) is an accepted industry wide best practice for the development of engine oils that meet the latest European ACEA specifications. It ensures product quality and consistency, provides a benchmark for auditing lubricant development, along with production processes. The Code of Practice defines the base oils and procedures used to formulate lubricants.

It is designed to aid the continuous improvement of engine oils, and to ensure the validity of performance claims made for them.

The ATIEL Code of Practice is available online at: [atiel.eu/code-of-practice](http://atiel.eu/code-of-practice)

ATIEL aims to ensure that end users and vehicle owners continue to have confidence in the engine oils they buy, that they are correctly described and reflect what is claimed.

The primary role of the ATIEL BOI/VGRA Committee is to oversee the development and maintenance of cost-effective and technically robust interchange or 'read-across' guidelines for base stocks and lubricant viscosity grades (VGRA). This is a core element of the ATIEL CoP. It is also responsible for revising and updating existing interchange guidelines as and when new engine tests are introduced or when new test data become available.



## Health And Safety As A Core Value

ATIEL develops regulatory compliance strategies and improves communication of HSE (Health, Safety and Environment) information along the supply chain.

The ATIEL HSE Committee monitors developments in legislation impacting the lubricants industry and works in conjunction with other industry associations on issues of common interest.

ATIEL is member of the DUCC (Downstream Users of Chemicals Co-ordination Group) platform composed of 11 European associations which represent "downstream" industries and whose main objective is to contribute, with a common voice, to the successful implementation of the requirements of chemicals legislation like REACH and CLP Regulations.



## Innovation And Consensus At The Heart Of Our Work

ATIEL acts as a European focal point for technical issues relating to the performance and environmental demands of engine oils. Its objective is to ensure that lubricant development is aligned to the requirements of European engine technology, providing input to OEM development programmes and supports cohesive responses to changes in legislation, lubricant specifications and hardware design.

ATIEL promotes interaction between European automotive technical bodies including ACEA, ATC and CEC (engine test development). Its technical working groups address critical issues including exhaust emissions, fuel economy, oil drain intervals, chemical composition, base oil substitution, biofuels and used oil management. This dialogue is key to the development of robust lubricants specifications that ensure engine oils continue to contribute to improved engine durability, lower emissions and fuel economy.

## Fit-For-Purpose Lubricants

The European Automobile Manufacturers' Association (ACEA) sets the technical and quality standards, or Oil Sequences, for lubricants suitable for engines and vehicles.

ATIEL, via its ILC Committee, engages in discussions with ACEA and the Additive Technical Committee (ATC) on existing and emerging technical issues. It monitors trends impacting engine design and use, along with their potential effects on lubricant performance and formulation. Its focus is to support the development of specifications that lead to fit-for-purpose lubricants and ensure their timely availability.

ATIEL is a stakeholder member of the European Coordinated Council for the development of performance test fuels, lubricants and other fluids (CEC).

