



European
Commission

The EU Ecolabel for lubricants



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#EUGreenDeal #EUEcolabel

The EU Ecolabel is the official European Union voluntary label for environmental excellence, awarded to sustainably designed products. The EU Ecolabel encourages innovation and contributes to the EU goal of **climate neutrality** by **2050**, a **clean** and **circular economy**, and the **zero-pollution** ambition for a **toxic-free environment**.

Consumers are increasingly looking for sustainable products. Through the EU Ecolabel, industry can offer true and reliable eco-friendly alternatives to conventional lubricants, empowering consumers to make informed choices and play an active role in the ecological transition.

Which lubricants can be awarded the EU Ecolabel?

- Total Loss Lubricants (TLL) (e.g. chainsaw oils, wire rope lubricants, concrete release agents, total loss greases and other total loss lubricants).
- Partial Loss Lubricants (PLL) (e.g. gear oils intended for the use in open gears, stern tube oils, two-stroke oils, temporary protection against corrosion, and partial loss greases).
- Accidental Loss Lubricants (ALL) (e.g. hydraulic systems, metalworking fluids, closed gear oils intended for use in closed gears, and accidental loss greases).

Ambitious criteria, focusing on the main environmental impacts throughout the lifecycle of the products, ensure that EU Ecolabel lubricants are of good quality and among **the best on the market in terms of environmental performance**.



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The EU Ecolabel criteria aim to reduce the environmental impact of lubricants on air, water, soil and biodiversity.

They promote products that have a limited impact on the aquatic environment, contain a reduced amount of hazardous substances, while at the same time guaranteeing good lubricant performance. The criteria encourage the use of recycled plastics in the packaging, therefore promoting the transition to a more circular economy.

Specifically, the EU Ecolabel guarantees:

- restricted use of hazardous substances
- prevention of deforestation and preservation of biodiversity
- reduction of raw materials extraction and processing
- efficient use.



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Overview of the EU Ecolabel criteria for lubricants

To be awarded the EU Ecolabel, lubricants must comply with stringent mandatory criteria. See below how these criteria guarantee excellent environmental performance. For the full list of requirements, please refer to the official [EU Ecolabel criteria for lubricants](#).

The EU Ecolabel guarantees:

The EU Ecolabel requires:

Restricted use of hazardous substances

- ✓ final products not to contain substances that are both non-biodegradable and (potentially) bioaccumulative;
- ✓ strictly limited presence of hazardous substances in ingredients;
- ✓ stringent limits on the aquatic toxicity of substances and ingredients;

Prevention of deforestation and preservation of biodiversity

- ✓ use of sustainably sourced palm oil;
- ✓ minimum bio-based carbon content of 25 % (to claim a 'bio-based' or 'bio-lubricant' designation);

Reduced raw material extraction and processing

- ✓ minimum of 25 % of plastic in packaging/containers to use recycled post-consumer plastic content;

Efficient use

- ✓ clear instructions on dosing to be printed on packaging or to accompany the product;
- ✓ packaging and containers to have an appropriate design to avoid spillage;
- ✓ clear indications on how to properly dispose of lubricant packaging and containers;
- ✓ minimum technical performance requirements, to ensure the product will have optimal use, and large quantities are not required for results.



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For more information and detail on how to apply,
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