

# Moving sustainability forward



## BREOX® BMBcert™ series Delivering measurable CO<sub>2</sub> savings

When sustainability matters - BASF Lubricant Components make the difference. If we want to keep nature intact, we need to be more efficient with our resources. That is why the concept of sustainability has become a top priority. Driven by the need to reduce greenhouse gas emissions and dependence on fossil resources, BASF now offers the novel BREOX® BMBcert™ series. BREOX® BMBcert™ series are the first polyalkylene glycol basestocks where 100% of the fossil-based raw materials have been replaced by renewable resources via a mass balance approach. Contribution of BREOX® BMBcert™ is further enhanced by using green electricity in production.



### BREOX® BMBcert™ series Makes the difference

#### Customer benefits

- Using 100% renewable feedstocks (mass balance approach)
- Using ~100% green electricity in production
- Reduced CO<sub>2</sub> footprint by up to ~80%
- Sustainably sourced raw materials
- High quality with no compromise on performance
- Certified by TÜV Nord according to REDcert<sup>2</sup>
- NSF HX-1 incidental food contact approved
- LUSC listed

#### Climate Change



#### Durability



#### Renewables



#### Green Energy



BREOX® BMBcert™ series is a product family based on the biomass balance approach which delivers significant CO<sub>2</sub> footprint reduction. BREOX® BMBcert is the first polyalkylene glycol lubricant base stock where 100% of the fossil-based raw materials have been replaced by renewable resources. Contribution of BREOX® BMBcert™ is further enhanced by using green electricity in production, reducing the CO<sub>2</sub> emissions further.

The BREOX® BMBcert™ series thus contributes to sustainable development by saving fossil resources and reducing greenhouse gas emissions. This unique solution enables customers to differentiate their products from competition and helps towards achieving their sustainability goals - all without compromising on performance and quality. Applying our BREOX® BMBcert™ portfolio enables our customers to contribute to a reduction of greenhouse gas emissions by up to 80%.

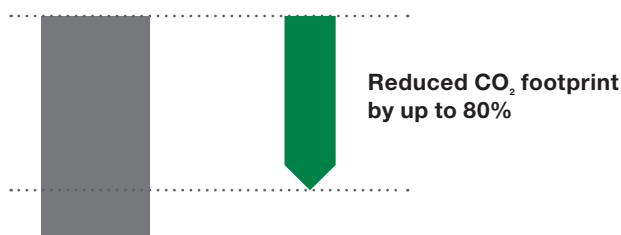


## BREOX® BMBcert™ benefits

### CO<sub>2</sub> savings for a sustainable future

#### Reduction of product carbon footprint

kg CO<sub>2</sub> equivalents\*/kg product



**Fossil feedstock**   **Biogas feedstock**

\*CO<sub>2</sub> equivalents = units for measuring the impact of greenhouse gas emissions on the greenhouse effect

#### Renewable

feedstock is used to replace 100% of fossil resources

#### CO<sub>2</sub> reduction

by up to 80% compared to conventional PAGs

#### Reliable quality

and no compromise on performance

#### Certified

by TÜV Nord according to REDcert®

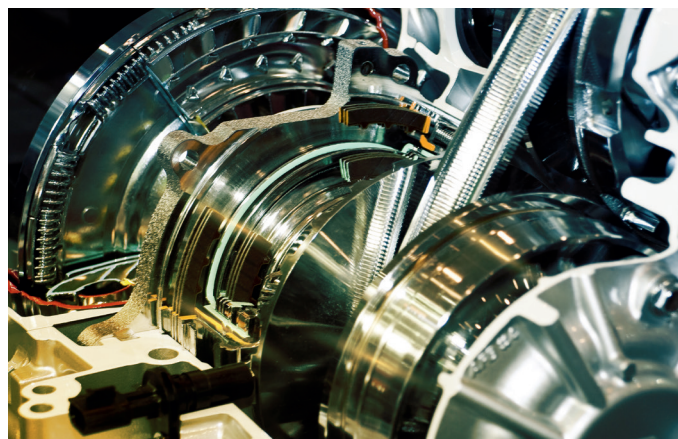


Get in contact with us

The descriptions, designs, data and information contained herein are presented in good faith and are based on BASF's current knowledge and experience. They are provided for guidance only, and do not constitute the agreed contractual quality of the product or a part of BASF's terms and conditions of sale. Because many factors may affect processing or application/use of the product, BASF recommends that the reader carry out its own investigations and tests to determine the suitability of a product for its particular purpose prior to use. It is the responsibility of the recipient of product to ensure that any proprietary rights and existing laws and legislation are observed. No warranties of any kind, either expressed or implied, including, but not limited to, warranties of merchantability or fitness for a particular purpose, are made regarding products described or designs, data or information set forth herein, or that the products, descriptions, designs, data or information may be used without infringing the intellectual property rights of others. Any descriptions, designs, data and information given in this publication may change without prior information. The descriptions, designs, data, and information furnished by BASF hereunder are given gratis and BASF assumes no obligation or liability for the descriptions, designs, data or information given or results obtained, all such being given and accepted at the reader's risk.

08/2025

OPP:PAG2411EN © = reg. trademark of BASF SE



**BASF SE**

**Lubricant Components**

[basf.com/lubricant-components](https://www.basf.com/lubricant-components)