

# Kixx **BIO 1**

## PLANT-BASED ENGINE OIL



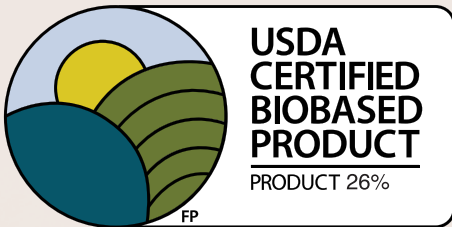
# Kixx **BIO 1**

## MINIMIZE IMPACT, MAXIMIZE PERFORMANCE

Reach new levels of engine performance while reducing environmental impact. Kixx BIO1 is a fully synthetic engine oil made from plant-based base oil.

## Kixx **BIO 1** SUSTAINABLE ENGINE OIL, CREATED FOR THE ERA OF SUSTAINABLE MOBILITY

Eco-friendly engine oil made from renewable plant-based base oil to meet the standards of a new era in sustainable mobility



- A USDA (United States Department of Agriculture) Certified Biobased Product, approved to contain biobased content (0W-20 86%, 5W-30 26%)
- Enhanced fuel economy, keeping your engine running longer while ushering in a low-carbon future
- Sustainably made packaging, using PCR (Post Consumer Recycled) plastic materials

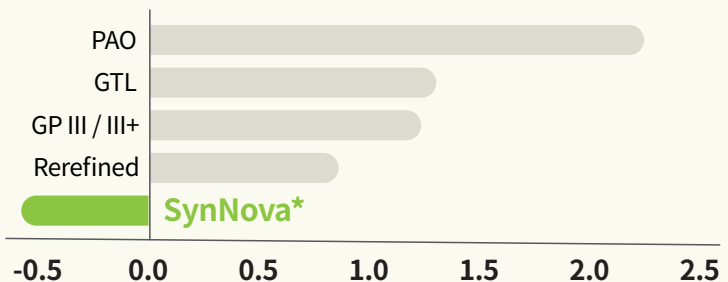
\* **USDA Certified Biobased Product** refers to a product approved by the USDA to be 'derived from plants and other renewable agricultural, marine, and forestry materials'; and to provide 'an alternative to conventional petroleum derived products'.



## MADE WITH A CARBON NEGATIVE, SUSTAINABLE BASE OIL

- Made with SynNova Sustainable Synthetic Base Oil (SSBO) - manufactured in the USA to help engines meet carbon neutrality targets
- SSBO is made only from the highest quality renewable plant sources like soy, coconut, rapeseed, and palm
- Keeps its viscosity longer to ensure the best lubrication for maximum fuel efficiency and reduced emissions

### Cradle-to-Gate CO<sub>2</sub> Emissions of Base Oils (kg CO<sub>2</sub> emitted/kg Base Oil)





# Kixx BIO 1

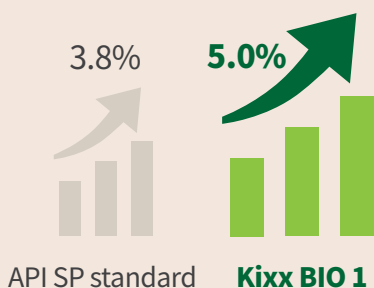
## NATURALLY BETTER PERFORMANCE

Sustainable results without sacrificing an inch on performance

- Manufactured to meet the most stringent API SP and ILSAC GF-6A industry standards
- Delivers all the performance of a premium, fully synthetic motor oil, with enhanced wear prevention and advanced engine protection

### IMPROVED FUEL ECONOMY

Kixx BIO1 uses the lubricating power of plants to deliver improved fuel economy that exceeds industry standards, with excellent friction reduction.

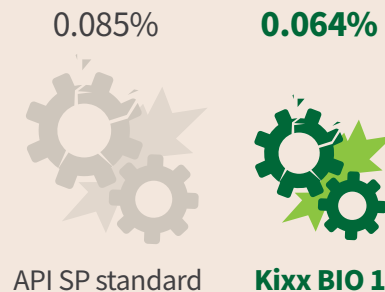


### FUEL ECONOMY IMPROVEMENT

Up to **31.6% better** than the latest industry standard (Kixx BIO1 5W-30 29% improvement in fuel economy)

### ENHANCED WEAR PREVENTION

Kixx BIO1 improves durability by protecting engine parts from collision owing to improper operation timing caused by timing chain tension loss and wear.

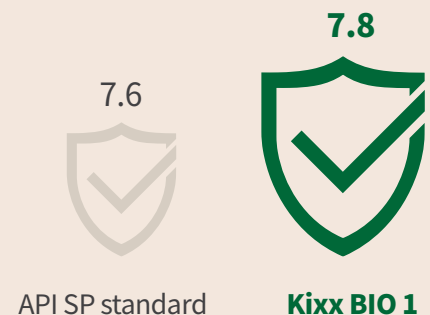


### TIMING CHAIN PROTECTION PERFORMANCE

Up to **25% lower wear** on timing chain

### ADVANCED ENGINE PROTECTION

Kixx BIO1 prevents engine damage and prolongs engine life with outstanding sludge control, LSPI protection and overall engine cleanliness.



### SLUDGE CONTROL

Up to **2.6% better** than the latest industry standard

# ***Kixx: The Most Trusted Engine Oil Brand in Korea***

Recognized by First Brand Awards as Korea's No. 1 engine oil brand, Kixx's lubricant products and its proprietary Triple Double Technology are trusted by global consumers in over 63 countries. Backed by GS Caltex's 50 years of research and innovation, Kixx is globally renowned for its superior products, which are manufactured at its industry-leading facilities.



## ***Kixx*** **BIO 1** **OW-20 / 5W-30**

- Fully synthetic
- USDA Certified Biobased Product
- Standards: API SP, ILSAC GF-6A
- Launch date: February 2022 / April 2022



[www.KixxOil.com](http://www.KixxOil.com)