

**Fully Synthetic**

# Kixx BIO1

High performance, fully synthetic engine oil made from  
25% plant-based oil

• 5W-30 : API SP, ILSAC GF-6A

## DESCRIPTION

Kixx BIO1 5W-30 is a high performance, fully synthetic engine oil made from 25% plant-based oil and cutting-edge additives. USDA (United States Department of Agriculture) Certified Bio-based Product\* and an API SP/ILSAC GF-6A approved engine oil, Kixx BIO1 is an optimal choice for consumers who are looking for a high performance engine oil that will take their engine to the next level.

## APPLICATIONS

- All gasoline fueled vehicles
- High performance cars equipped with T-GDI, GDI, DOHC, EFI and VVT

## PERFORMANCE STANDARDS

- 5W-30 : API SP, ILSAC GF-6A

## CUSTOMER BENEFITS

### Bio-based Lubricants

100% Plant-based Base Oil, Base oil made from 25% renewable feedstocks including soy, coconut, rapeseed and palm. A USDA (United States Department of Agriculture) Certified Biobased Product, approved to contain 26% biobased content.

### Improved Fuel Economy

Uses the lubricating power of plants to deliver improved fuel economy that exceeds industry standards, with excellent friction reduction

### Enhanced Wear Prevention

Improves durability by protecting engine parts from collision owing to improper operation timing caused by timing chain tension loss and wear

### Advanced Engine Protection

Prevents engine damage and prolongs engine life with outstanding sludge control, LSPI protection and overall engine cleanliness

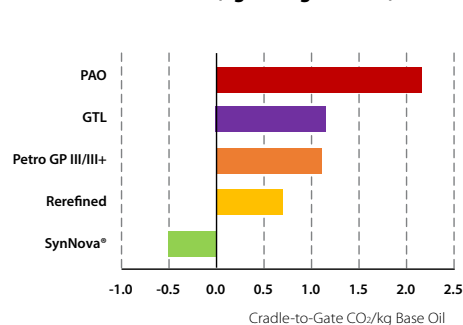
## KEY PROPERTIES

SAE Grade	5W-30
Density, @15°C	0.848
Viscosity, mm <sup>2</sup> /s @ 40°C	61.8
Viscosity, mm <sup>2</sup> /s @ 100°C	10.4
Viscosity Index	157
Pour Point, °C	-43
Flash Point, °C	238

## UNIQUE FEATURES

- Kixx BIO1 is made with SynNova Fully Synthetic Base Oil – manufactured in the USA to help engines reduce carbon emissions.
- The Cradle-to-Gate\* carbon emission of the base oil used for Kixx BIO1 was -0.51kg, indicating that it has significantly less carbon impact compared to other base oils used.

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



\* Cradle-to-Gate: The stage of a product's life cycle in which the product's carbon impact is assessed, from production and extraction of raw materials to the manufacturing of the finished product.