### Fully Synthetic

# Kixx BIO1

High performance, fully synthetic engine oil made from 100% plant-based oil

• OW-20: API SP, ILSAC GF-6A



#### **DESCRIPTION**

Kixx BIO1 0W-20 is a high performance, fully synthetic engine oil made from 100% plant-based oil and cutting-edge additives. USDA (United States Department of Agriculture) Certified Biobased 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**

0W-20 : API SP, ILSAC GF-6A

#### **CUSTOMER BENEFITS**

#### **Bio-based Lubricants**

100% Plant-based Base Oil, Base oil made from 100% renewable feedstocks including soy, coconut, rapeseed and palm. A USDA (United States Department of Agriculture) Certified Biobased Product, approved to contain 86% 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

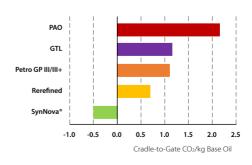
#### **KEY PROPERTIES**

SAE Grade	0W-20
Density, @15°C	0.833
Viscosity, mm <sup>2</sup> /s @ 40°C	44.9
Viscosity, mm <sup>2</sup> /s @ 100°C	8.6
Viscosity Index	175
Pour Point, °C	-46
Flash Point, °C	232

#### **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 Bace 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.