

**Fully Synthetic**

# Kixx G1 SN

High grade gasoline engine oil  
providing excellent protection

- 0W-20 : API SN PLUS-RC, ILSAC GF-5
- 0W-30 : API SN PLUS



## DESCRIPTION

Kixx G1 is formulated from VHVI base oils, high performance additive systems and leading edge viscosity index improver, which meet the requirement of current advanced top-tier engine oil grade of API SN PLUS.

It is optimized to provide complete engine oil performance, especially fuel efficiency, through friction reduction and enhanced durability. In addition, it also minimizes abrupt damage of key engine components (such as piston rings, connecting rods and so on) by prevention of LSPI (Low Speed Pre-Ignition) phenomena in T-GDI engines.

## APPLICATIONS

- Naturally aspirated and T-GDI, GDI engines in passenger cars including SUV
- Gas-fuelled (natural gas and LPG) spark ignition engines where conventional passenger car motor oils are recommended
- Four-stroke gasoline engines in motorcycles and portable power equipment where the manufacturer recommends conventional passenger car motor oils

## PERFORMANCE STANDARDS

- 0W-20 : API SN PLUS-RC, ILSAC GF-5
- 0W-30 : API SN PLUS

## CUSTOMER BENEFITS

Superior Low Temperature Performance

Superior low temperature properties with proven metal-organic anti-wear additives provide easy start-up of engines at extremely low temperature and excellent wear control in even the most sophisticated valve train mechanisms, including those with variable valve timing.

### Fuel Efficiency

Specifically tailored viscosity characteristics and effective friction modifier minimize internal engine friction loss which reduces fuel consumption.

### Saves on maintenance costs

High thermal stability and excellent oxidation resistance provides outstanding protection against in-service oil degradation that contributes to filter blocking and sludge formation in the oil galleries, crankcase and rocker arm cover.

### LSPI Prevention

Advanced additives technology efficiently suppresses LSPI phenomena that occasionally occur in combustion chambers of T-GDI engines.

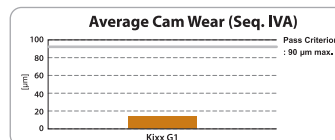
## KEY PROPERTIES

SAE Viscosity	0W-20	0W-30
Density, kg/L @15°C	0.85	0.84
Kinematic Viscosity, mm <sup>2</sup> /s @ 40°C	45.4	57.6
Kinematic Viscosity, mm <sup>2</sup> /s @ 100°C	8.4	10.4
Viscosity Index	165	171
Pour Point, °C	-46	-46
Flash Point, °C	222	230

## UNIQUE FEATURES

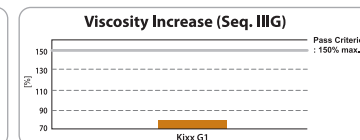
Kixx G1 consists of VHVI base oils and premium additives meeting the requirements of API SN PLUS specification. It provides excellent anti-wear performance and fuel efficiency under severe operating conditions.

### Wear Protection



Average value of cam wear after the Sequence IVA test is much lower than pass criterion of API SN PLUS specification. The test result means that Kixx G1 improves durability of engine elements under severe operating conditions.

### Anti-Degradation



Viscosity increase of Kixx G1 after the Sequence IIIG test is much lower than pass criterion of API SN PLUS specification. In general, oil viscosity increases with the increase in level of oxidation. The test result means that Kixx G1 can show good anti-wear performance and fuel efficiency by the suppression of its degradation based on excellent anti-oxidation stability.