

Fully Synthetic



# Kixx G1

High grade gasoline engine oil providing excellent protection

- 5W-20 / 5W-30 / 10W-30 : API SP-RC, ILSAC GF-6A
- 5W-40 / 5W-50 / 10W-40 / 20W-50 : API SP

## 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 SP. It is optimized to provide complete engine oil performance, especially enhanced durability and fuel efficiency improvement, through wear protection and friction reduction. In addition, it also includes Timing Chain Wear protection and LSPI prevention performances, which are essential for today's modern vehicles.

## APPLICATIONS

- All gasoline fueled vehicles
- High performance cars equipped with T-GDI, GDI, DOHC, EFI and VVT
- Four-stroke gasoline engines in motorcycles (except for motorcycles with wet clutch gearbox)
- Sports vehicles

## PERFORMANCE STANDARDS

- 5W-20 / 5W-30 / 10W-30 : API SP-RC, ILSAC GF-6A
- 5W-40 / 5W-50 / 10W-40 / 20W-50 : API SP

## CUSTOMER BENEFITS

### Timing Chain Wear Protection

High-quality additives effectively protect timing chain against wear that may cause engine power loss and more fuel consumption.

### LSPI Prevention

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

### Improved Engine Power and Maintainability

A reduction in the piston blow-by gas coupled with the oil's anti-sludge characteristics helps to maintain engine power and cleanliness, which in turn extends the engine's service life.

### Enhanced Fuel Economy

The wide temperature range capability of VHVI and HVI base oils ensures correct oil viscosity which reduces friction at start-up, and provides maximum lubrication under high temperature operating condition.

### Wear Resistance under Wide Temperature Condition

Advanced non-conventional base oil formula coupled with high performance additive systems and leading edge viscosity index improver delivers excellent shear stability and maximum wear protection under high speed, and high temperature driving conditions as well as a rapid, highly effective oil film generation. It also minimizes wear of key engine components during engine start under very low temperature.

### Extended Oil Drainage Interval

Excellent oxidation resistance and low volatility will extend oil drain-age interval.

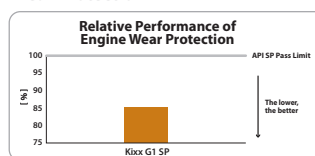
KEY PROPERTIES	Fully Synthetic	Fully Synthetic	Fully Synthetic	Fully Synthetic	Semi Synthetic	Semi Synthetic	Semi Synthetic
	5W-20	5W-30	5W-40	5W-50	10W-30	10W-40	20W-50
SAE Viscosity	5W-20	5W-30	5W-40	5W-50	10W-30	10W-40	20W-50
Density, kg/L @15°C	0.85	0.85	0.85	0.85	0.86	0.86	0.87
Kinematic Viscosity, mm <sup>2</sup> /s @40°C	48.1	62.3	84.0	118.4	68.7	98.9	156.0
Kinematic Viscosity, mm <sup>2</sup> /s @100°C	8.2	10.4	13.8	18.6	10.9	14.9	17.9
Viscosity Index	144	157	169	176	148	158	127
Pour Point, °C	-39	-39	-40	-39	-40	-39	-26
Flash Point, COC, °C	240	238	228	226	242	240	274
Package (Liters)	1, 4, 200	1, 3, 4, 47.5, 18, 200	1, 3, 4, 47.5, 200	1, 47, 200	1, 47, 18, 200	1, 3, 4, 47.5, 200	1, 3, 4, 5, 200

\* Kixx G1 20W-50 is also applicable to CNG/LPG engines

## UNIQUE FEATURES

Kixx G1 SP consists of VHVI base oils and premium additives meeting the requirements of API SP. It provides excellent anti-wear performance and oxidation stability performance under severe operating conditions.

### Wear Protection



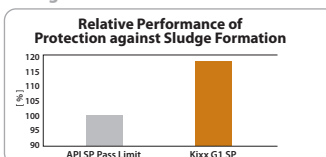
Kixx G1 SP offers 15% better engine wear protection than API SP pass limit, which means Kixx G1 SP can improve durability of engine elements under severe operating conditions.

### Oxidation Stability



Kixx G1 SP offers excellent oxidation control performance compared to API SP Pass Limit, which means Kixx G1 SP can protect engine against wear and improve fuel efficiency due to its excellent oxidation stability.

### Sludge Protection



Kixx G1 SP shows 18% better sludge protection compared to API SP pass limit, which means Kixx G1 SP can provide excellent protection against sludge formation, allowing for stable operation and improve engine durability.