Fully Synthetic

# K1 Lube GX SQ

*Superior grade gasoline engine oil for Maximum performance*

- API SQ
  ILSAC GF-7A (for 0W-20, 0W-30, 5W-20, 5W-30)
  ILSAC GF-7B (for 0W-16)




## DESCRIPTION

K1 Lube GX SQ is engineered using VHVI base oils combined with advanced additive technology and a high-performance viscosity index improver, satisfying the stringent requirements of the API SQ top-tier engine oil classification. The formulation is designed to deliver comprehensive engine performance benefits, with a particular focus on long-term durability and improved fuel economy through effective wear reduction and friction control. The product further offers protection against timing chain wear, prevents Low-Speed Pre-Ignition (LSPI), and safeguards exhaust aftertreatment systems.

## APPLICATIONS

- Suitable for all gasoline-powered vehicles
- Recommended for high-performance vehicles featuring T-GDI, GDI, GPF, DOHC, EFI, and VVT systems
- Compatible with four-stroke gasoline motorcycle engines (excluding wet clutch gearbox models)
- Ideal for sports and performance vehicles

## PERFORMANCE STANDARDS

- API SQ
  ILSAC GF-7A (for 0W-20, 0W-30, 5W-20, 5W-30)
  ILSAC GF-7B (for 0W-16)

## CUSTOMER BENEFITS

### Timing Chain Wear Protection

Advanced additives protect timing chain against wear so that they may reduce power loss of engine and increase the life time of engine parts.

### LSPI Prevention

Detergent additives containing magnesium efficiently restrain LSPI (Low Speed Pre-Ignition) that could damage T-GDI engines.

### Enhanced Fuel Efficiency

Specifically designed anti friction additives minimize engine friction losses and improve fuel efficiency.

### High Quality VHVI Base Stock

Superior low temperature properties of Group III base oil make the start-up of engines easy at low temperature. Excellent thermal stability and oxidation stability of VHVI base oil protect suppress oil degradation and sludge formation inside engine.

## KEY PROPERTIES

| SAE Viscosity | 0W-16 | 0W-20 | 0W-30 | 5W-20 | 5W-30 |
|---|---|---|---|---|---|
| Kinematic Viscosity, $mm^2/s$ @ 40°C | 38.73 | 44.43 | 56.17 | 48.26 | 59.91 |
| Kinematic Viscosity, $mm^2/s$ @ 100°C | 7.513 | 8.449 | 10.33 | 8.429 | 10.22 |
| Viscosity Index | 165 | 170 | 175 | 152 | 159 |
| Pour Point, °C | -45 | -45 | -42 | -40 | 3.07 |
| Flash Point, COC, °C | 230 | 234 | 232 | 264 | 244 |
| HTHS | 2.38 | 2.65 | 3.06 | 2.69 | 3.07 |
| Package (Liters) | 200 | 1, 4, 20, 200 | 1, 4, 20, 200 | 1, 4, 20, 200 | 1, 4, 20, 200 |