

## K-PLUS



### **By only adding 10% in engine oil!**

K-PLUS is the world's first "Ion Synthetic" oil additive. K-PLUS works by dramatically reducing friction to all moving engine parts which minimizes metal to metal wear. This increases combustion, increases compression, increases overall efficiency plus reduces the noise of the engine while improving the fuel economy and engine power.

Originally K-PLUS was formulated to reduce heat in internal combustion engines. The principle is to use the heat of the engine to bond the Ionic Synthetic additive to all metal surfaces including the crankshaft and bearings.

This decrease in heat and friction is very good for the engine components and because the engine is now running cooler this extends the life of the engine oil. Oil changes can now be extended to 10,000 km for more convenience and cost savings.

The K-PLUS principle uses a Cathode Ray Atomic Activation special method which produces negative ions in the K-PLUS formula. This bonds to the positive ions of the automobile or equipment engine and plates 100% of the metal surfaces which by a strong film shields the metal surfaces from contacting one another directly.

**Phenomenal** fuel economy **increase!**



Engine performance is increased over a long period of time!

### Product Features

Engine performance maintained for a long period of time!

The world's first ion synthetic additives!

To minimize the wear of metal, adds to fuel efficiency!

Improved fuel economy and output, reduce vibration of the engine, the car is quiet!

In the case of diesel vehicles, DPF regeneration interval is longer.

Engine oil change intervals are longer

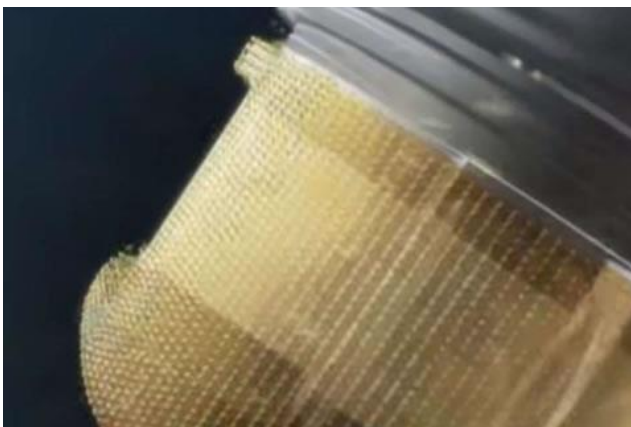
※ guideline is 10,000 km ~ 20,000 km

There is an immediate and total positive response as soon as the engine is first run and comes up to operating temperature.

The "Ion Synthetic" Coating is now fully bonded and performs instantly when the engine is started time and time again for easier, quieter and more efficient starts, equally in hot or in cold weather.

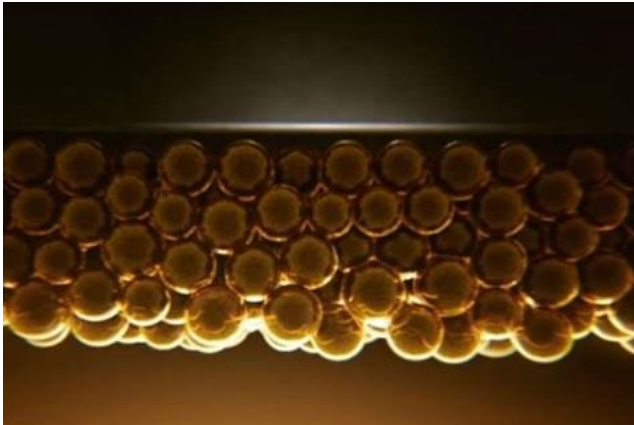


### Performance / effect



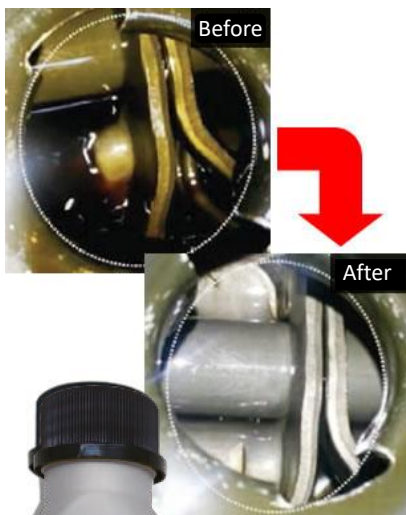
#### ■ Coating at Atomic-level

The size of the magnetic particles is a billionth of a 1mm



### ■ Bearing Liquid

Magnetic particles of K-PLUS that have been coated on a metal surface will reduce direct metal-to-metal contact and friction/heat



### Engine Protection

Prevents condensation during parked, prevent internal metal engine wear that occurs at start-up. The wear rate was 90% reduced during operation, extending engine life

※ conventional additives do not start to protect the engine until the engine warms up. There is wear and tear up to as high as 70 °C)



### Turbo Protection

Protects the turbo bearings exposed to exhaust gas of high heat (600 ~ 800 °C) with an oil antioxidant high wear reduction performance effect

### Power Enhancement

Increased engine combustion cylinder compression for more power

### And Fuel Efficiency Improvement

The Stoichiometric mix of oxygen and fuel is now very ideal and yields more power and better fuel economy

### And Exhaust Gas Reduction

Significant reduction in exhaust gas tail pipe emissions by complete combustion

### **Engine Sound Reduction**

Metal to metal contact is buffered by the K-PLUS Ionic Binding Additives. Starting and running noise is far reduced for a more pleasant driving experience

### **Cleaning Effect**

The increased efficiency of the oil combined with less heat means that the oil in general will be kept cleaner for longer. The oil filter will be more efficient and there will be less carbon and sludge to damage critical engine parts

### **Additive Life Extension**

The oil will last twice as long or more

### **Internal Rubber Parts Protection**

K-PLUS helps protect internal engine OIL SEALS and all gaskets and rubber parts preventing leakage and premature wear

### **Engine Life Extension**

When engines run smoother, cooler, more friction free they last longer and will remain within critical engine emission standards much longer

Vehicles will vary according to use and driving habits but experience even from the 1950's has proven that engines that run at ideal temperatures and are well lubricated, as with New York City cabs for example, can last up to double the mileage of the typical family car

This comes mostly from families constantly starting and stopping colder engines for short commutes. Without the protection of K-PLUS the wear on the engine is significant and damaging to a high degree. Even parking a car in the shade in warm climates cools the engine to be somewhat the same as a cold start anywhere. With K-Plus it is more like the engine is starting warm and with the oil fully circulating the instant the key is turned.

*For families and fleets this an important protection for such a substantial investment*