



## KIMIA SP

KIMIA SP is premium fully synthetic engine oil formulated with the highest quality synthetic base oils and enhanced with the most advanced additive technology for ultimate performance in meeting the latest requirements for modern engines. KIMIA SP is specially designed to provide very high levels of fuel efficiency and deposit protection under severe service conditions. KIMIA SP is suitable for use in all Passenger Cars with Gasoline Engines introduced in 2020 and newer. Also recommended for use in all Hybrid engines.

### Applications:

All naturally aspirated, turbocharged and supercharged passenger cars where API SP quality oil specified.

### Features & Benefits:

1. Excellent protection for Turbo Charged Gasoline Direct Injection engines from Low Speed Preignition (LSPI) and timing chain wear
2. Provides Excellent Engine cleanliness through superior sludge and varnish protection
3. Helps reduce friction and wear with increased viscosity stability
4. Provides enhanced thermal and oxidative stability for outstanding high temperature protection
5. Flows easily at low temperatures for enhanced cold start protection
6. Provides high level of fuel efficiency and maintains the same for life of the oil

### Typical Characteristics:

Properties	ASTM	0W20
<b>Kinematic Viscosity 100°C (cSt)</b>	D-445	8.6
<b>Viscosity Index</b>	D-2270	175
<b>Flash Point (°C)</b>	D-92	225
<b>Pour Point (°C)</b>	D-97	-45
<b>Density @ 15°C (Kg/m<sup>3</sup>)</b>	D-1298	845
<b>Total Base Number (mg KOH/g)</b>	D-2896	7

*Other viscosity grades can be produced upon customer request. These characteristics are typical of current production.*

### PERFORMANCE LEVEL:

API SP



## Kimia CK4

Kimia CK4 is a synthetic technology diesel engine oil specifically designed for use in heavy-duty diesel engines. Formulated with high-quality synthetic base oils and advanced additives, it delivers reliable performance even under severe operating conditions and enables extended oil change intervals. Compliant with API CK-4 quality standards, Kimia CK4 is an ideal choice for a wide range of modern diesel vehicles.

### Applications:

Recommended for use in advanced diesel engines where API CK-4 level oils are required, especially under heavy-duty operation and demanding working environments.

### Features & Benefits:

1. Excellent thermal stability and oxidation resistance, even at high temperatures
2. Effective protection against engine component wear
3. Improved engine efficiency and extended oil and engine life
4. Corrosion and wear protection for both new and older engines
5. Superior low-temperature performance for easier cold starts and fast component protection
6. Full compatibility with modern emission control systems (DPF, DOC, SCR) and effective soot management

### Typical Characteristics:

Properties	ASTM	10W40	15W40
<b>Kinematic Viscosity 100°C (cSt)</b>	D-445	15.3	15.5
<b>Viscosity Index</b>	D-2270	165	160
<b>Flash Point (°C)</b>	D-92	225	230
<b>Pour Point (°C)</b>	D-97	-39	-36
<b>Density @ 15°C (Kg/m<sup>3</sup>)</b>	D-1298	865	870
<b>Total Base Number (mg KOH/g)</b>	D-2896	10	10

*Other viscosity grades can be produced upon customer request. These characteristics are typical of current production.*

### PERFORMANCE LEVEL:

API CK4



## Kimia Two-Stroke Oil

Kimia two-stroke oil is designed for use in two-stroke engines, where oil and fuel are mixed together. This product offers reliable and stable performance in various light-duty applications, utilizing high-quality base oils and special additives.

### Applications:

This product is suitable for a wide range of two-stroke engine equipment, including Motorcycles, Gardening equipment, Chain saws, Two-stroke generators Other air-cooled two-stroke engines.

### Features and Benefits:

1. Thermal stability and high resistance to oxidation
2. Reduction of deposit formation and cleanliness of engine parts
3. Excellent protection against wear on moving parts
4. Reliable performance in hard conditions and high temperatures

### Typical Characteristics:

Properties	ASTM	Two-Stroke
<b>Kinematic Viscosity 100°C (cSt)</b>	D-445	8.5
<b>Viscosity Index</b>	D-2270	120
<b>Flash Point (°C)</b>	D-92	220
<b>Pour Point (°C)</b>	D-97	-30
<b>Density @ 15°C (Kg/m<sup>3</sup>)</b>	D-1298	885

*Other viscosity grades can be produced upon customer request. These characteristics are typical of current production.*

### PERFORMANCE LEVEL:

API TC

JASO FC, FB



## **Kimia Motorcycle Oil**

Kimia Motorcycle Oil is formulated using high-quality base oils and specialized additives, designed specifically for modern four-stroke motorcycles. This product delivers outstanding performance while helping to keep the engine clean and providing effective protection under harsh operating conditions.

### **Application:**

This oil is specifically recommended for the lubrication of four-stroke motorcycle engines, in accordance with the specifications and guidelines of OEMs.

### **Features and Benefits:**

1. Reduces friction, enhancing power output and fuel efficiency
2. Excellent wear protection for extended engine life, even at high operating temperatures
3. Superior thermal and oxidation stability to prevent deposit formation, especially in air-cooled engines
4. Reliable low-temperature performance for easy cold starts and fast component protection
5. High detergency for engine cleanliness and smooth operation
6. Effective protection against rust and corrosion of internal engine components

### **Available PERFORMANCE Levels and Grades:**

This product can be manufactured in various international quality levels and viscosity grades to meet consumer needs and comply with current industry standards.

**API:** SJ, SL, SM, SN

**JASO:** MA, MA2, MB

**SAE:** 20W50, 10W30, 10W40, 10W50, 10W60



## Kimia Suspension Oil

Kimia Suspension Oil is a high-stability suspension fluid recommended for use in vehicle shock absorbers and suspension systems. It is formulated from high-quality base oils and premium additives that provide protection against wear, corrosion, foaming, and air entrainment in the shock absorber system.

### Application:

Kimia Suspension Oil is suitable for use in all types of vehicle shock absorbers, as recommended by the OEM'S approvals.

### Features and Benefits:

1. Compatible with various types of rubber seals and internal components
2. Maintains viscosity and ensures stable performance across a wide temperature range
3. Helps prevent rust and corrosion of internal parts
4. Suppresses foam formation to ensure effective damping performance

### Typical Characteristics:

Properties	ASTM	Suspension Oil
<b>Kinematic Viscosity 40°C (cSt)</b>	D-445	15
<b>Viscosity Index</b>	D-2270	150
<b>Flash Point (° C)</b>	D-92	190
<b>Pour Point (° C)</b>	D-97	-42
<b>Density @ 15°C (Kg/m<sup>3</sup>)</b>	D-1298	880

*Other viscosity grades can be produced upon customer request. These characteristics are typical of current production.*



## Kimia AL4

Kimia AL4 is a high-performance automatic transmission fluid with extended service life, specially designed for use in automotive automatic gearboxes. This product is formulated with high-quality base oils and special additives.

### Applications:

Kimia AL4 is specifically developed to meet the requirements of automatic transmissions. It is particularly recommended for use in AL4 and 4HP20 gearboxes.

### Features and Benefits:

- Excellent performance at low temperatures and quick cold starts
- Balanced additive formulation for smooth and reliable gear shifting

### Typical Characteristics:

Properties	ASTM	AL4
<b>Kinematic Viscosity 100°C (cSt)</b>	D-445	7.5
<b>Viscosity Index</b>	D-2270	175
<b>Flash Point (°C)</b>	D-92	220
<b>Pour Point (°C)</b>	D-97	-45
<b>Density @ 15°C (Kg/m<sup>-3</sup>)</b>	D-1298	860

*Other viscosity grades can be produced upon customer request.*

### PERFORMANCE LEVEL:

ATF LT 71141, PSA B71 2340



## Kimia ATF DEXRON-VI

Kimia ATF DEXRON-VI is a high-performance automatic transmission fluid formulated with fully synthetic technology. It meets the stringent requirements of the GM DEXRON-VI standard and provides excellent protection for the transmission systems of GM vehicles from model year 2006 onward. This product also enhances transmission performance in older vehicles where DEXRON fluids are recommended.

### Applications:

Kimia ATF DEXRON-VI is suitable for use in GM vehicles from model year 2006 onward that require DEXRON-VI fluid. It is also compatible with older models where previous DEXRON specifications are recommended.

### Features and Benefits:

1. Excellent thermal stability and oxidation resistance
2. Optimized frictional properties for smooth gear shifting, even at low temperatures
3. Outstanding resistance to sludge and deposit formation
4. Effective anti-wear protection to help extend transmission life
5. Reliable low-temperature performance for easier cold starts and improved operation in cold climates

### Typical Characteristics:

Properties	ASTM	VI, WS, SPIV
<b>Kinematic Viscosity 100°C (cSt)</b>	D-445	6
<b>Viscosity Index</b>	D-2270	155
<b>Flash Point (°C)</b>	D-92	220
<b>Pour Point (°C)</b>	D-97	-45
<b>Density @ 15°C (Kg/m<sup>3</sup>)</b>	D-1298	845

*Other viscosity grades can be produced upon customer request.*

### PERFORMANCE LEVEL:

GM DEXRON VI

TOYOTA WS

HYUNDAI/KIA SPIV -SPIII

ZF 4&6 SPEED

HONDA DW-1



## Kimia CVT

Kimia CVT is a premium full synthetic lubricant formulated for use in a wide range of North American, European, and Asian vehicles equipped with Continuously Variable Transmissions (CVT).

## Applications

Kimia CVT is specifically designed for use in various types of CVT gearboxes and is not recommended for use in conventional automatic (AT) or dual-clutch (DCT) transmissions.

## Features and Benefits

1. Excellent protection of transmission components against wear, rust, and corrosion to help extend transmission life
2. Stable and optimized friction characteristics with consistent torque transfer for smooth gear shifting without noise, vibration, or harshness (NVH)
3. Fast and effective lubrication during cold starts thanks to excellent low-temperature flow properties
4. High resistance to oxidation and shear for prolonged oil life
5. Reduced oil consumption due to leakage, thanks to effective foam control and compatibility with seal materials

## Typical Characteristics

Properties	ASTM	CVT
<b>Kinematic Viscosity 100°C (cSt)</b>	D-445	7.2
<b>Viscosity Index</b>	D-2270	185
<b>Flash Point (°C)</b>	D-92	220
<b>Pour Point (°C)</b>	D-97	-48
<b>Density @ 15°C (Kg/m<sup>-3</sup>)</b>	D-1298	850

*Other viscosity grades can be produced upon customer request.*

## PERFORMANCE LEVEL:

ATF CVT

TOYOTA/Aisin TC

HONDA HMMF

Nissan NS-2



## Kimia DCT

Kimia DCT is a premium full synthetic lubricant specifically formulated for use in a wide range of North American, European, and Asian vehicles equipped with wet dual clutch transmissions (DCT).

### Applications

Kimia DCT is specially designed for use in wet dual clutch transmissions and is not recommended for use in step automatic transmissions (AT) or continuously variable transmissions (CVT).

### Features and Benefits

1. Suitable for use in wet-type dual clutch transmissions (DCT)
2. Excellent oxidation stability and chemical resistance for long-lasting oil quality and extended transmission life
3. Superior lubrication properties for clutch durability, smooth gear shifting, and effective wear protection
4. Outstanding viscosity stability at low temperatures during cold starts and at high operating temperatures
5. Reliable protection against rust and corrosion
6. Excellent seal compatibility to reduce leakage and prevent component failure due to oil starvation

### Typical Characteristics

Properties	ASTM	DCT
<b>Kinematic Viscosity 100°C (cSt)</b>	D-445	7
<b>Viscosity Index</b>	D-2270	170
<b>Flash Point (°C)</b>	D-92	220
<b>Pour Point (°C)</b>	D-97	-42
<b>Density @ 15°C (Kg/m<sup>3</sup>)</b>	D-1298	845

*Other viscosity grades can be produced upon customer request.*

### PERFORMANCE LEVEL:

ATF DCT

Renault EDC 6-speed

Ford Powershift 6-Speed

Peugeot / Citroen DCS 6-speed

Volvo powershift 6-speed

VW (Audi, Seat, Skoda) 6-speed FWD

Chrysler Powershift 6-speed



### Kimia Polyurea

Kimia Polyurea is a high-quality, multi-purpose polyurea grease formulated without Extreme Pressure (EP) additives. It is designed for lubricating rolling element bearings in high-temperature and long-life applications where EP protection is not required. This grease is especially recommended for lubricating electric motor bearings, sealed-for-life bearings, and other high-speed, low-load anti-friction bearings.

Kimia Polyurea is manufactured using premium base oil, selected inhibitors, and a non-soap polyurea thickener. It offers excellent oxidation resistance, high shear stability, and extended service life. It also provides effective protection against rust and corrosion, and shows superior resistance to water washout.

In high-temperature and enclosed applications, this grease performs significantly better than traditional soap-based greases. It is also recommended for industrial and automotive applications that require a stable, water-resistant grease without EP additives.

#### Applications

1. Electric motor bearings
2. Sealed and maintenance-free bearings
3. High-speed anti-friction bearings
4. Industrial and automotive applications in high temperatures without the need for EP additives

#### Features & Benefits

1. Excellent performance at high temperatures
2. Very good shear stability
3. Effective wear protection
4. Outstanding water washout resistance
5. Excellent rust and corrosion protection
6. Excellent pumpability at low temperatures

#### Typical Characteristics

Properties	ASTM	Polyurea 2	Polyurea 3
NLGI grade	-	2	3
Thickener type	D-3340	polyurea	polyurea
Dropping Point (°C)	D-2265	270	280
Penetration at 25°C	D-217	265-295	220-250
Operating temperature range	-	-20 to 160	-20 to 160
Color	Visual	yellow	yellow

Other NLGI grades can be produced upon customer request. These characteristics are typical of current production.

**This grease, with extreme pressure (EP) properties, is available in various NLGI grades.**