

Kyoto Japan Performa Family of Professional Additives

A Family of
**Superior Lubricants
& Additives**



PROFESSIONAL LUBRICANT
Made in E.U.
European Union

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Kyoto Japan Performa Care for your Vehicles

We all know how important quality maintenance is in getting the most out of our vehicle. As our engines begin to age they require additional protection.

Some indicators of engine wear and tear are decreased power & engine performance, increased oil consumption, an engine that is slow to start on a cold morning or runs hotter on warmer days, a decrease in gas mileage, and minor leaks. Seals become brittle, rings wear and valves may not seal as tightly.

Deposits can build up on fuel injectors, valves or piston rings, so they don't operate smoothly. By taking a proactive approach toward your engine's maintenance, you can help inhibit its aging process and extend the life and efficiency of your vehicle.

The solution may be as simple as using the correct car care chemicals and additives. These are designed to provide specialized protection for your vehicle's engine by increasing anti-wear properties, conditioning seals, and boosting cleaning agents to help reduce deposit formation and friction modifiers; all which will help maximize engine life and improve engine performance.

Kyoto Japan Performa has developed a Car Care Reference Guide, which contains most common problems, the possible causes, and connects this to our products to solve your problem.

Kyoto Japan Performa Professional Additives

Fuel System Treatments	KJA1901	7640159885412	Petrol	Performa Petrol Additive	24x300 ml
	KJA1902	7640159885429		Performa ETF Clean - Petrol Detox Professional	24x300 ml
	KJA1903	7640159885467		Performa Petrol Injector Cleaner	24x300 ml
	KJA1904	7640159885450		Performa Total Engine Conditioner	24x300 ml
	KJA1905	7640159885436	Petrol & Diesel	Performa Starting Fluid Spray Aerosol	12x400 ml
	KJA1906	7640159887317		Performa EGR Cleaner & Intake Cleaner Aerosol	12x400 ml
	KJA1911	7640159885443	Diesel	Performa Diesel Additive	24x300 ml
	KJA1912	7640159887324		Performa ETF Clean - Diesel Detox Professional	24x300 ml
	KJA1913	7640159885498		Performa Diesel Injector Cleaner	24x300 ml
Engine & Oil System Treatments	KJA1921	7640159885474		Performa Engine Treatment + Mos2	24x300 ml
	KJA1922	7640159885481		Performa Boron-Ester Anti-Oxidant Friction Reducer	24x300 ml
	KJA1923	7640159885504		Performa Ceramic Engine Protector	24x300 ml
	KJA1924	7640159887331		Performa Engine Flush	24x300 ml
	KJA1925	7640159887348		Performa Oil Stop Leak	24x300 ml
Cooling System Treatments	KJA1931	7640159887355		Performa Radiator Sealer & Conditioner	24x300 ml
	KJA1932	7640159887362		Performa Radiator Cleaner	24x300 ml

Problems, Causes & Kyoto Japan Performa Additive

Remedies > Kyoto Japan Performa Additives

Problem Solver = X	Problem Prevention = O	Fuel System Treatments									Oil System Treatments					Cooling System	
		Petrol				Petrol & Diesel		Diesel									
Problem	Cause	KJA1901	KJA1902	KJA1903	KJA1904	KJA1905	KJA1906	KJA1911	KJA1912	KJA1913	KJA1921	KJA1922	KJA1923	KJA1924	KJA1925	KJA1931	KJA1932
		Perma Petrol Additive	Perma ETF Clean - Petrol Detox Professional	Perma Petrol Injector & Carburetor Cleaner	Perma Total Engine Conditioner	Perma Starting Fluid Spray	Perma EGR Cleaner & Intake Cleaner	Perma Diesel Additive	Perma ETF Clean - Diesel Detox Professional	Perma Diesel Injector Cleaner	Perma Engine Treatment + Mos2	Perma Boron-Ester Anti-Oxidant Friction Reducer	Perma Ceramic Engine Protector	Perma Engine Flush	Perma Oil Stop Leak	Perma Radiator Sealer & Conditioner	Perma Radiator Cleaner
						X											
		X	X	X	X	X	O	X	X	X							
		X	X	X	X	X	O	X	X	X							
Poor Cold Starting	Water contamination in fuel tank					X											
	Carbon build-up on injectors / poor spray pattern	X	X	X	X	X	O	X	X	X							
	Deposit build-up in combustion chamber	X	X	X	X	X	O	X	X	X							
	Dirty fuel system and / or carburetor	X	X	X	X	X	O	X	X	X							
	Diesel crystallization																

Heavy Fuel Consumption	Carbon build-up on injectors / poor spray pattern	O	X	X	X		O	O	X	X							
	Deposit build-up in combustion chamber	X	X	X	X		O	X	X	X							
	Dirty fuel system and / or carburetor	O	O	X	X			O	O	X							
	Contaminated air intake / restricted air flow	O	O	O	X		X	O	O	O							
	Contaminated / non-functioning EGR System	O	O	O	X		X	O	O	O							
Poor Acceleration / Performance	Carbon build-up on injectors / poor spray pattern	O	X	X	X		O	O	X	X							
	Fuel octane rating (RON) below requirement	X															
	Dirty fuel system and / or carburetor	O	X	X	X			O	X	O							
	Contaminated air intake / restricted air flow	O		O	X		X	O		O							
	Contaminated / non-functioning EGR System	O		O	O		O	O		O							
Stalling / Hesitation / Flat Spots	Carbon build-up on injectors / poor spray pattern	O	X	X	X		O	O	X	X							
	Deposit build-up in combustion chamber	X	X	X	X		O	X	X	X							
	Dirty fuel system and / or carburetor	O	X	X	X		O	O	X	O							
	Contaminated air intake / restricted air flow	O		O	X		X	O		O							
	Contaminated / non-functioning EGR System	O	O	O	O		X	O	O	O							
Rotten Egg Smell	Incomplete fuel combustion	X	X	O	O		O	X	X	O							

[illegible]

Black Smoke (Diesel)	Diesel mixture too rich		X					X	X	X									
	High soot particle emmissions		X					X	X	X									
Black Smoke (Petrol)	Carbon build-up in injectors / poor spray pattern	O		X	X		O												
	Deposit build-up in combustion chamber	X		O	X		O												
Blue / Black Smoke	Oil burning in combustion chamber / by-passing piston rings	X	X	X	X		O	X	X	X				X	X				
	Oil seeping past inlet valves, degradation of valve stem oil seals																X		
Excessive Oil Consumption	Oil burning in combustion chamber / by-passing piston rings	X	X	X	X		O	X	X	X			X		X	X			
	Oil seeping past inlet valves, degradation of valve stem oil seals																X		
Engine Oil Leaks	Degraded rubber or neoprene seals in the oil system																X		
Low Compression / Oil Pressure	Sludge and carbon deposit build-up on piston rings	X	X	X	X			X	X	X					X				
	Engine wear												X		X				
Black Sludgy Oil on Dipstick	Sludge and carbon deposit build-up in oil system	X	X	X	O		O	X	X	X					X				
	New oil contaminates quickly				X		X								X				

Tappet Noise / Sticking Hydro Valve Lifters	Lacquer build-up in tappets / valve lifters / lash adjusters																		
Top End Engine Rattle	Engine wear																		
Clogged Diesel Fuel Filter	Crystalised diesel or bacteria contaminated diesel		X							X	X	X							

Fuel System Additives

A properly maintained fuel system is one of the keys to keeping your vehicle performing like it should. By using our products on your fuel system, you'll help maximize fuel efficiency, increase your car's performance and help avoid problems such as rough idling, weak acceleration, stumbling, and stalling.

How it Works

The fuel system provides fuel storage in the vehicle, filters out particulates, delivers fuel to the intake air system, and mixes the air and Petrol in the correct ratio to provide the most efficient combustion (i.e. the highest fuel efficiency) in the engine.

Making sure your flow of gas is not blocked is vital to getting the most mileage for your money. Optimal use of your Petrol is helped by fighting the accumulation of performance robbing deposits in the fuel system. Today's modern engines are more susceptible to deposit build up than ever before.

Deposits have been found to start forming in as few as 2.000 km. Studies have shown that deposits can decrease your fuel efficiency by as much as 11 percent. Deposits are:

- **Fuel Injector and Carburetor Deposits**
Fuel injectors and Carburetors are designed to accurately meter fuel into the engine in a fine spray. Fuel injector and Carburetor deposits can reduce fuel flow and alter the spray pattern of Petrol to the engine leading to a loss of power, reduced fuel economy, and increased exhaust emissions.
- **Intake Valve Deposits**
Intake valves are subject to the high temperatures of combustion and are susceptible to deposit build up. Intake valve deposits can restrict the flow of air into the engine and adversely affect the air/fuel ratio, leading to reduced power and slower acceleration, as well as stumbling and hesitation when the engine is cold.
- **Combustion Chamber Deposits**
Combustion chamber deposits unfavourably increase the temperature at which Petrol burns, leading to knocking and pinging, increased exhaust emissions, as well as slower acceleration and poor fuel economy.

Proposed Action

Kyoto Japan Performa products such as Performa Petrol Additive, Performa Diesel Additive, Performa Petrol Injector & Carburetor Cleaner and Performa Diesel Injector Cleaner are a multipurpose package of highly effective additives and detergents resulting in both an excellent clean up and keep clean performance.

These additives and detergents are delivered to the various parts of the engine by the fuel. The use of these products soften and dissolve the deposits as they pass over them and ultimately remove them from the surfaces of critical engine parts so they can be swept into the combustion chamber and harmlessly burned with the fuel, thus restoring lost power & acceleration and unclogging dirty fuel injectors for optimum engine performance.

Kyoto Japan Performa Petrol Treatments:

- **Performa Petrol Additive**
- **Performa ETF Clean - Petrol Detox Professional**
- **Performa Petrol Injector & Carburetor Cleaner**
- **Performa Total Engine Conditioner**
- Performa Starting Fluid Spray
- Performa EGR Cleaner & Intake Cleaner

Kyoto Japan Performa Diesel Treatments:

- **Performa Diesel Additive**
- **Performa ETF Clean - Diesel Detox Professional**
- **Performa Diesel Injector Cleaner**
- Performa Starting Fluid Spray
- Performa EGR Cleaner & Intake Cleaner

Engine Lubrication Additives

Your engine is the heart of your car. Keeping your engine properly lubricated reduces friction, heat build-up and wear. By using our products, you'll help your engine run more efficient, perform better and last longer.

How it Works

Proper lubrication of an engine is a complex process. Motor oil must perform many functions under many different operating conditions. The primary functions of oil are listed below:

- Provide a barrier between moving parts to reduce friction, heat build-up, and wear.
- Disperse heat. Friction from moving parts and combustion of fuel produce heat that must be carried away.
- Absorb and suspend dirt and other particles. Dirt and carbon particles need to be carried by the oil to the oil filter where they can be trapped.
- Neutralize acids that can build up and destroy polished metal surfaces.
- Coat all engine parts. Oil should have the ability to leave a protective coating on all parts when the engine is turned off to prevent rust and corrosion.
- Resist sludge and varnish build up. Oil must be able to endure extreme heat without changing in physical properties or breaking down.
- Stay fluid in cold weather; yet remain thick enough to offer engine protection in hot weather.

Kyoto Japan Performa Additives provide most of these functions. "Base" motor oil is always blended with additives to help provide a more complete package of engine protection. This is also true with synthetic oils.

Over time, the additives in motor oils can get used up, and the level of protection to your engine can diminish. This is especially true in severe driving conditions.

Proposed Action

Proper maintenance of your engine involves changing the engine oil and filter regularly, along with cleaning your fuel injectors and checking other items such as belts, hoses and other fluids.

Kyoto Japan Performa Motor Oil Treatments are formulated to provide high stress engine lubrication in today's engines and help to replenish or maintain a good level of additive protection for your engine.

Kyoto Japan Performa Motor Oil Treatment + MoS₂, Performa Boron-Ester Anti-Oxidant Friction Reducer and Performa Ceramic Engine Protector all fight metal to metal friction by providing a thicker cushion between moving engine parts in all cars, light trucks and SUV's. They help resist motor oil breakdown, counteract oil thinning by boosting viscosity and increase the anti-wear protection of your motor oil.

Kyoto Japan Performa Oil Stop Leak is a specialty product meant for use when common problems like oil leaks or exhaust smoke occurs. It is specially designed to help rejuvenate seals and gaskets and improve sealing at valve guides, piston rings and cylinder walls. This results in a reduction or stop of oil loss and oil contamination and in better compression and thus superior engine performance.

Kyoto Japan Performa Engine Flush is a specialty product consisting of highly effective cleaning detergents which is to be used prior to regular oil changes. It removes gums, varnish, sludge and contaminants like carbon deposits and clean the oil system for optimum performance.

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Kyoto Japan Performa Motor Oil Treatments:

- **Performa Engine Treatment + MoS₂**
- **Performa Boron-Ester Anti-Oxidant Friction Reducer**
- **Performa Ceramic Engine Protector**
- **Performa Engine Flush**
- **Performa Oil Stop Leak**

Cooling System Maintenance

Inside your car's engine, fuel is constantly burning. A lot of the heat from this combustion goes right out the exhaust system, but some of it soaks into the engine, heating it up. The primary job of the cooling system is to keep the engine from overheating by transferring this heat to the air. By using our products, you'll help your entire cooling system to be clean, closed, lubricated and protected against rust and corrosion.

How it Works

The cooling system on liquid-cooled cars circulates a fluid through pipes and passageways in the engine. As this liquid passes through the hot engine it absorbs heat, cooling the engine. After the fluid leaves the engine, it passes through a heat exchanger, or radiator, which transfers the heat from the fluid to the air blowing through the exchanger.

The cooling system also has another important job. The engine in your car runs best at a fairly high temperature. When the engine is cold, components wear out faster, and the engine is less efficient and emits more pollution. So another important job of the cooling system is to allow the engine to heat up as quickly as possible, and then to keep the engine at a constant temperature.

Cars operate in a wide variety of temperatures, from well below freezing to well over 40°C. So whatever fluid is used to cool the engine has to have a very low freezing point, a high boiling point, and it has to have the capacity to hold a lot of heat.

Your engine was designed to operate at a certain temperature. When it operates colder than that, emissions go up, efficiency goes down, and engine wear increases. On the opposite end, cars operating hotter than designed, risk pre-ignition/detonation caused by too-high engine temperature. This can damage various components in your engine. A properly maintained cooling system keeps your engine run efficiently.

Proposed Action

Kyoto Japan Performa Radiator Cleaner effectively cleans the entire cooling system and removes sludge, rust, scale and other deposits and prevents build-up of acids and contaminants. This improves the heat transfer from engine to cooling system and prevents overheating.

Kyoto Japan Performa Radiator Sealer & Conditioner permanently and reliably seals and prevents within seconds hair cracks and small leakages in the radiator, the heater radiator, the water pump, the cylinder head gasket and the engine block. It lubricates the pump and protects the entire cooling system against rust and corrosion.

Our full range of Kyoto Japan Performa Coolants and Anti-Freeze completes this product group.

Kyoto Japan Performa Cooling Systems

- **Performa Radiator Sealer & Conditioner**
- **Performa Radiator Cleaner**
- **Performa Coolant**



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Gear Oil Treatment

Gear oil is an oil made specifically for transmissions, transfer cases and differentials in automobiles, trucks, and other machinery. Usually it is of a higher viscosity to better protect the gears.

How it Works

The need for a transmission in an automobile is a consequence of the characteristics of the internal combustion engine. Engines typically operate over a range of 600 to about 7000 revolutions per minute (though this varies, and is typically less for diesel engines), while the car's wheels rotate between 0 rpm and around 1800 rpm.

Furthermore, the engine provides its highest torque outputs approximately in the middle of its range, while often the greatest torque is required when the vehicle is moving from rest or traveling slowly. Therefore, a system that transforms the engine's output so that it can supply high torque at low speeds, but also operate at highway speeds with the motor still operating within its limits, is required. Transmissions perform this transformation.

Most transmissions and gears used in automotive and truck applications are contained in a cast iron case, though sometimes aluminium is used for lower weight. Types of automobile transmissions include manual, automatic or semi-automatic transmission.

Proposed Action

Kyoto Japan Performa Gear Oil Treatment instantly improves the performance of your gear box, final drives, gear drives and transmissions by reducing wear, oil temperature and transmission fluid breakdown. Helps curing transmission problems and prevents them from re-occurring.

Kyoto Japan Performa Gear Oil Stop Leak stops losses of oil in gears and improves oil performance.

Kyoto Japan Performa Gear Oil Treatments

- **Performa ATF Conditioner & Stop Leak**
- **Performa Gear Oil Additive**
- **Performa Gear Oil Stop Leak**
- **Performa Engine & ATF Flush (2 In 1)**

Kyoto Japan Performa Miscellaneous Products

Kyoto Japan Performa Motorcycle Additives

- Performa 2T Motorcycle Fuel Treatment
- Performa 4T Motorcycle Fuel Treatment
- Performa 4T Motorcycle Oil Treatment + Mos2

Kyoto Japan Performa Air Conditioning Products

- Performa Polyalkylene Glycol Mono-Capped
- Performa Polyol Ester Synthetic Universal
- Performa Air Conditioning Cleaner
- Performa Air Conditioning Leak Detection Fluid

Kyoto Japan Performa Winter Products

- Performa Anti Freeze
- Performa Screenwash / De-Icer
- Performa Cold Flow Improver for Diesel Fuel
- Performa Doorlock De-Icer
- Performa Rubber Maintenance Spray

Kyoto Japan Performa Specialty Products

- Performa Summer Screenwash Concentrate
- Performa Underbody Coating
- Performa Polishes / Waxes
- Performa Marine Products
- Performa NANO Additives & Products

Aerosols

- Performa Multi Spray A-40
- Performa Silicone Spray
- Performa White Grease + PTFE
- Performa Carburetor Cleaner Spray
- Performa Non-Conductive Contact Cleaner Spray
- Performa Intake & Combustion Chamber Cleaner
- Performa Penetrating Oil + Mos2
- Performa Egr, Turbo & Intake Cleaner

Kyoto Japan Performa Additives

Technical Data Sheets

Date Issued: 27-12-2015

Supersedes: 01-01-2015

Revision Nr.:1

Kyoto Japan Performa Petrol Additive

Product Code:

KJA1901

Product description

Kyoto Japan Performa Petrol Additive is a multipurpose petrol additive that cleans the complete fuel system including valves, dirty Carburetors and clogged injectors. Restores power and performance.

Benefits

- Cleans valves, dirty Carburetors and clogged injectors
- Restores power and performance
- Prevents fuel system corrosion
- Eliminates rough idling and engine hesitation
- Improves combustion
- Reduces petrol consumption
- Reduces emission of hazardous exhaust gases

Usage

All petrol (leaded or unleaded) engines with injectors or carburetor. Will not harm catalytic converters.

Direction

Pour the contents of one bottle in the fuel tank before filling it with petrol.

Dosage

One bottle treats 40 to 60 litres of petrol.

Normal use: one bottle every 2000 km. Intensive or sportive use: one bottle for each tank filling.

Technical specification

- Density g/cm³: 0,763
- Flash point: 40°C
- Ignition temperature: 230°C
- Colour: Clear / colourless
- Odour: Characteristic

Kyoto Japan Performa ETF Clean Petrol Detox Professional

Product Code:

KJA1902

Benefits

- Extremely effective concentrated problem solver for all deposit related problems in petrol engines
- Cleans the fuel system including injectors, valves and combustion chamber
- Prevents deposit build-up in and malfunctioning of the catalytic converter
- Boosts octane number by 2 - 4 points
- Improves combustion and restores engine power
- Improves fuel economy
- Reduces tOxidant emission
- Eliminates rotten egg smell
- Protects against corrosion

Usage

All petrol engines (including direct injection) with or without turbo or catalytic converter.

Direction

Pour the contents of one bottle in the fuel tank before filling it with petrol.

Dosage

One bottle treats 40 to 60 litres of petrol.

Technical specifications

- Density g/cm³: 0,80
- Flash Point: > 61°C
- Colour: Amber / Brown
- Odour: Characteristic

Kyoto Japan Performa Petrol Injector & Carburetor Cleaner

Product Code:

KJA1903

Benefits

- Cleans injectors, carburetors and the entire petrol supply system
- Restores power and performance
- Prevents deposits of gums, varnish and sludge
- Eliminates valve sticking
- Eliminates rough idling, hesitation or knocking
- Reduces petrol consumption and protects against corrosion
- Reduces emission of hazardous exhaust gases
- Improves combustion and driveability

Usage

All petrol (leaded or unleaded) engines with injectors or carburetor. Will not harm catalytic converters.

Direction

Pour the contents of one bottle in the fuel tank before filling it with petrol. One bottle treats 40 to 60 litres of petrol.

Dosage

One bottle treats 40 to 60 litres of petrol.
Intensive or sportive use: one bottle for each tank filling.

Technical specifications

- Density g/cm³: 0,80
- Flash Point: > 61°C
- Colour: Clear / Colourless
- Odour: Characteristic

Kyoto Japan Performa Total Engine Conditioner

Product Code:

KJA1904

Benefits

- Thoroughly and effectively cleans valves, injectors, pistons, piston rings, intake manifolds and the carburetor without the need for disassembly
- Cleans the complete internal combustion system of petrol engines
- Dissolves carbon deposits and lacquer-like compounds and releases stuck piston rings
- Reduces the emission of hazardous exhaust gases (CO / HC)
- Improves cold starting properties, combustion and driveability and guarantees optimum engine condition

Usage

All **petrol engines** (leaded or unleaded) with injectors or carburetor with or without a turbo charger. Will not harm catalytic converters. Compatible with rubber and plastic parts.

Direction

Have an automotive repair shop carry out this treatment.

Dosage

The content of the aerosol is sufficient for engines up to 2000 cc.
Treatment to be repeated every 15.000 km to obtain optimum result.

Technical specifications

- Density g/cm³: 0,81
- Colour: White / Foam
- Odour: Characteristic

Kyoto Japan Performa Starting Fluid Spray

Product Code:

KJA1905

Benefits

- Enables quick starting of **petrol and diesel engines**
- Especially effective with cold starts during cold or wet seasons
- Prevents carburetors from freezing
- Applies easily

Usage

In cars, trucks, agriculture and industry applications.

Direction

Shake well before use. For petrol engines: spray into the carburetor or vacuum hose.

For diesel engines: spray into the air inlet. Spray moderately to avoid excessive fluid and uncontrolled running of the engine.

Dosage

To be used whenever required.

Technical specifications

- Density g/cm³: 0,61
- Colour: Clear / Colourless
- Odour: Characteristic

Kyoto Japan Performa EGR Cleaner & Intake Cleaner

Product Code:

KJA1906

Benefits

- Effectively cleans the Turbo, EGR system, intake, throttle valve and combustion chamber from power robbing deposits and lacquer-like compounds
- Improves engine performance, fuel economy, engine idling and starting
- Increase lifetime of sensitive engine components like catalysts and diesel particulate filters
- Reduces harmful emissions

Usage

For **all petrol and diesel engines** with or without turbochargers

Direction

Follow the instructions carefully or have an automotive repair shop carry out this treatment.

Dosage

The content of one aerosol is sufficient for two treatments via the air intake or cleaning dismantled parts as per your requirements. It should be used regularly on engines sensitive to intake fouling and DPF saturation.

To prevent carbon deposit build up regular use of Performa petrol treatments is highly recommended.

Technical specifications

- Density g/cm³: 0,82
- Flash Point: - 97°C
- Boiling Point: - 44°C
- Colour: White / Foam
- Odour: Characteristic

Kyoto Japan Performa Diesel Additive

Product Code:

KJA1911

Product description

Kyoto Japan Performa Diesel Additive is a multi purpose diesel additive that cleans the complete fuel system, increases cetane number and restores power and performance. Contains a lubricity additive to lubricate the diesel fuel pump in case of low sulphur fuel.

Benefits

- Cleans the entire fuel system including injectors
- Increases cetane number
- Restores power and performance
- Improves combustion and reduces fuel consumption
- Protects the fuel system against corrosion
- Reduces emission of hazardous exhaust gases
- Lubricates the diesel fuel pump in case of low sulphur fuel

Usage

For all diesel engines (incl. common rail) with or without turbochargers running on low or normal sulphur level diesel fuel.

Direction

Pour the contents of one bottle in the fuel tank before filling it with diesel fuel.

Dosage

One bottle treats 40 to 60 litres of diesel fuel.

Normal use: one bottle every 2000 km. Intensive or sportive use: one bottle for each tank filling.

Technical specifications

- Density g/cm³: 0,766
- Flash point: 40°C
- Ignition temperature: 230°C
- Colour: Clear / amber
- Odour: Characteristic

Kyoto Japan Performa ETF Clean Diesel Detox Professional

Product Code:

KJA1912

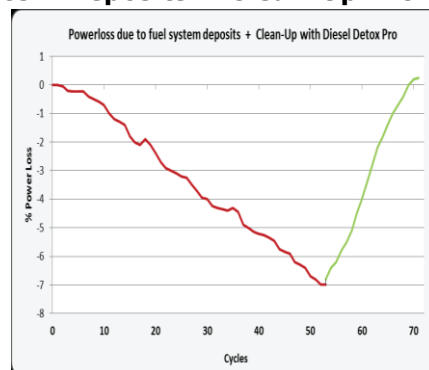
Product description

Performa ETF Clean - Diesel DetOxidant Professional is a complete diesel rejuvenator which addresses the most common deposit problems in modern diesel cars. Performa ETF Clean - Diesel DetOxidant Professional is a true multipurpose product that cleans the complete fuel system including the injectors, valves and combustion chamber from deposits, increases cetane number and contains a lubricity additive to lubricate the diesel fuel pump in case of low sulphur fuel.

Performa ETF Clean - Diesel DetOxidant Professional results in restoration of engine performance and fuel economy. In addition to cleaning the entire fuel system, Diesel DetOxidant Professional contains an organo-metallic supplement which functions as a catalyst for the regeneration of Diesel Particulate Filters (DPF). It significantly lowers the ignition temperature of soot collected in the Diesel Particle Filter and optimizes periodic combustion of accumulated soot, a process known as filter regeneration.

The unique combination of a clean fuel system, clean combustion with lower emissions and catalysed soot particles will assist in keeping the catalytic converter, exhaust gas recirculation system (EGR) as well as the turbo compressor and its variable geometry vanes clean from deposits.

Power Loss due to Fuel System Deposits + Clean-Up with Performa Diesel DetOxidant



Benefits

- One multipurpose product addresses all common deposit related problems.
- Regains performance loss caused by a dirty and inefficient fuel system.
- Reduces fuel consumption related to a dirty fuel system or badly functioning DPF.

- Prevents performance loss caused by clogged diesel particulate filters and incomplete combustion of soot.
- Extends lifetime of the expensive diesel particulate filter.
- Strongly reduces emission of hazardous exhaust gases with no secondary emissions.
- Can be used for all diesel engines with standard or retrofitted diesel particulate filters.

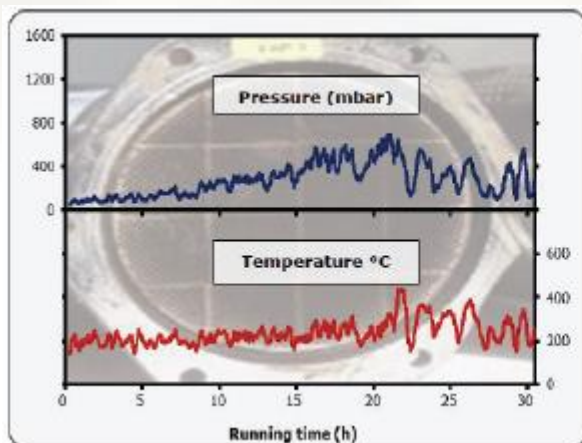
Usage

For all diesel engines (incl. common rail) with or without turbochargers running on low or normal sulphur level diesel fuel.

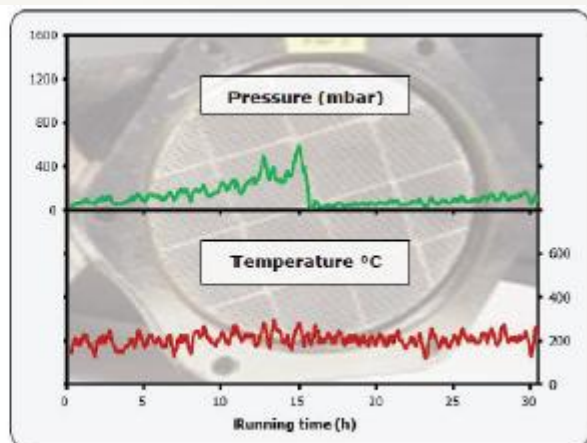
Direction

Pour the contents of one bottle in the fuel tank before filling it with diesel fuel. After adding Diesel DetOxidant Pro, drive for at least 20/30 minutes preferably with elevated RPM (>3.000). Try to repeat similar cycles a few times while driving on the treated diesel to achieve the maximum result.

Without Performa Diesel DetOxidant



Without Performa Diesel



Dosage

One bottle treats 40 to 60 litres of diesel fuel. Do not overdose!

Technical specifications

- Density g/cm³: 0,778
- Flash point: 61-66°C
- Colour: Light brown / amber
- Odour: Characteristic

Kyoto Japan Performa Diesel Injector Cleaner

Product Code:

KJA1913

Benefits

- Removes carbon deposits from injectors and prevents needles from seizing
- Reduces corrosion and wear
- Improves combustion with effective cleaning agents and a strong octane improver
- Decreases operational cost by lowering fuel consumption and maintenance costs
- Reduces engine noise
- Reduces emission of hazardous exhaust gases
- Improves starting performance and eliminates knocking under partial loads
- Contains a highly effective lubricity agent to lubricate the fuel pump

Usage

For all diesel engines (incl. common rail) with or without turbochargers running on low or normal sulphur level diesel fuels.

Direction

Pour the contents of one bottle in the fuel tank before filling it with diesel fuel.
One bottle treats 40 to 60 litres of diesel fuel.

Dosage

Normal use: one bottle every 2000 km.
Intensive or sportive use: one bottle for each tank filling.

Technical specifications

- Density g/cm³: 0,81
- Flash point: > 61°C
- Colour: Clear / amber
- Odour: Characteristic

Kyoto Japan Performa Engine Treatment + MoS2

Product Code:

KJA1921

Benefits

- Significantly reduces friction and wear by forming a high load-bearing lubricating MoS2 film on all friction and sliding surfaces inside the engine
- Reduces fuel and oil consumption and lowers tOxidantic emissions
- Improves viscosity of the oil and restores engine power
- Extremely small MoS2 particles guarantee lubrication during cold starts and in case of emergencies
- Selected additives guarantee lower friction, effective long term protection of your engine and optimal performance

Usage

For all petrol, diesel and LPG engines with or without turbochargers. Can be mixed with all commercially available engine oils. Does not clog filters and is not harmful for catalytic converters.

Direction

Add contents of one bottle to the warm motor oil, preferably shortly after oil change. Make sure the oil contents do not exceed the maximum oil level in your engine.

Dosage

One bottle treats 4 to 6 litres of motor oil.

Technical specifications

- Density g/cm³: 0,891
- Colour: Blackish

Kyoto Japan Performa Boron-Ester Anti-Oxidant Friction Reducer

Product Code:

KJA1922

Product description

Kyoto Japan Performa Boron-Ester Anti-Oxidant Friction Reducer is a new generation, ashless, boron ester based friction reducer and anti-Oxidant, which adds unique features to any standard motor oil. Works extremely well in synergy with traditional friction modifiers in common engine oils. The highly polar ester borate forms a protective friction reducing layer of boron nitride under pressure and heat protecting all engine parts most susceptible to wear. The ceramic coating will stick to the surface of internal engine parts, even when the engine is off, providing immediate anti-wear protection at start-up.

Kyoto Japan Performa Boron-Ester Anti-Oxidant Friction Reducer is based on state-of-the-art technology combining the well proven ceramic boron anti-friction performance without adding any solid particles. In addition it functions as an anti-Oxidant and as such delays oil ageing and thickening over time.

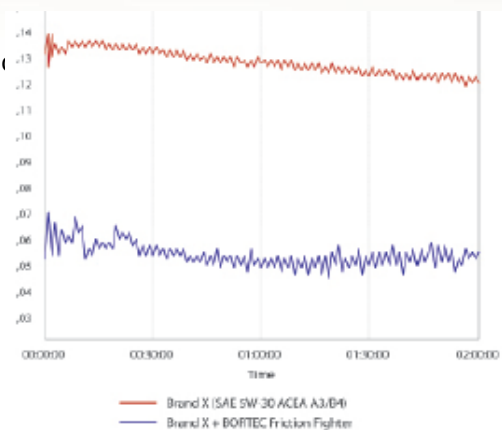
Kyoto Japan Performa Boron-Ester Anti-Oxidant Friction Reducer not only boosts the anti-friction properties of an oil, but also works optimally for an extended period of time protecting your engine as it was designed to do.

Benefits

- Significantly reduces friction and wear
- Prevents and delays oil-ageing.
- Reduces fuel and oil consumption
- Restores engine power
- Provides long term protection of your engine
- Improves load carrying capacity of the lube film
- Reduces emission of hazardous exhaust gases
- Reduces engine noise level and vibrations

Usage

For all petrol, diesel and LPG engines with or without turbochargers. Can be mixed with all commercially available engine oils. Does not clog filters and is not harmful to catalytic converters. Suitable for use in vehicles requiring low or mid SAPS engine oils.



Direction

Add contents of one bottle to the warm motor oil, preferably shortly after oil change. Let the engine run for a few minutes to optimize mixing of the additive with the engine oil. Make sure the oil contents do not exceed the maximum oil level in your engine.

Dosage

One bottle treats 4 to 6 litres of motor oil. Recommended use: every oil change.

Kyoto Japan Performa Ceramic Engine Protector

Product Code:

KJA1923

Product description

Kyoto Japan Performa Ceramic Engine Protector is a unique new generation multi-functional ceramic engine oil additive with a superior performance, even under the most extreme conditions. The high degree of bonding to metal results in a solid and unequalled lubricating film on the most critical and wear-sensitive parts of the engine. This results in high performance lubrication, ensures a rapid heat transfer and prevents metal to metal contact.

Benefits

- Significantly reduces friction and wear
- Reduces fuel and oil consumption
- Restores engine power
- Provides long term protection of your engine
- Improves load carrying capacity of the lube film
- Reduces emission of hazardous exhaust gases
- Improves viscosity of the oil
- Provides emergency lubrication
- Reduces engine noise level
- Reduces oil temperature
- Improves cold start performance
- Prolongs engine lifetime

Usage

For all petrol, diesel and LPG engines with or without turbochargers. Can be mixed with all commercially available engine oils. Does not clog filters and is not harmful for catalytic converters. Not suitable for motor cycles using a wet clutch.

Direction

Shake well before use. Add contents of one bottle to the warm motor oil, preferably shortly after oil change. Drive approximately 15 minutes to obtain optimum result. Make sure the oil contents do not exceed the maximum oil level in your engine.

Dosage

One bottle treats 4 to 6 litres of motor oil. Recommended use: every 50.000 km.

Comparison table

	PTFE	CERAMIC*
Average particle size	0,300 µm	0,265 µm
Coefficient of friction	0,04 - 0,20 µ _k	0,02 - 0,15 µ _k
Coefficient of heat conduction	0,20 - 0,25 W/m-K	45 - 65 W/m-K
Max. operating temperature	260 °C	800 °C
Decomposition temperature	275-350 °C	>1.100 °C
Decomposition products	HF, CF, fluorized oleofines	N/A
Adhesive power (on metal)	No	Yes

Technical specifications

- Density g/cm³: 0,89-0,90
- Flash point: >200°C
- Viscosity @ 20°C: 720 mPa.s
- Colour: Cream white

Kyoto Japan Performa Performa Engine Flush

Product Code:

KJA1924

Benefits

- Internally cleans and flushes the engine with highly effective cleaning agents
- Eliminates gums, varnish and sludge
- Easily removes contaminants like carbon deposits, soot and liquids (water and fuel rests) from the engine
- Reduces fuel consumption and exhaust emissions by restoring engine condition and enabling the fresh oil to perform optimally
- Contains no harmful solvents

Usage

For all petrol, diesel and LPG engines with or without turboc hargers. Compatible with all mineral, semi synthetic or full synthetic motor oils.

Direction

1. Before changing oil, pour the contents of one bottle in the crank case of the warm engine.
2. Let the engine run for 15 minutes, alternatively at low and high rpm.
3. Drain the oil from the crank case.
4. Replace oil filter.
5. Refill crank case with recommended fresh motor oil.

Dosage

One bottle treats a crankcase of 3 to 6 litres.

Technical specifications

- Density g/cm³: 0,87
- Flash Point: > 200°C
- Coulour: Clear / Amber
- Odour : Characteristic

Kyoto Japan Performa Oil Stop Leak

Product Code:

KJA1925

Benefits

- Stops and prevents oil leakages through seals
- Reduces oil consumption
- Makes seals swell back to original size and regain all-new pliability
- Eliminates the need for expensive engine repair
- Prolongs the service life of the engine
- Improves the viscosity of the motor oil
- Improves engine performance by enhancing motor compression
- Prevents or reduces emission of blue exhaust smoke
- Reduces engine noise
- Reduces emission of hazardous exhaust gases
- Does not contain harmful solvents or solids

Usage

For all petrol, diesel and LPG engines with or without turbochargers. Can be mixed with all commercially available engine oils. Does not clog filters and is not harmful for catalytic converters.

Direction

Add contents of one bottle to the warm motor oil. Make sure the oil contents do not exceed the maximum oil level in your engine.

Dosage

One bottle treats a crankcase of 4 to 6 litres.

Technical specifications

- Density g/cm³: 0,88
- Colour: Gold / Brown
- Odour : Characteristic

Kyoto Japan Performa Radiator Sealer & Conditioner

Product Code:

KJA1924

Benefits

- Permanently and reliably seals and prevents within seconds hair cracks and leakages up to 0.9 mm in the radiator, the heater radiator, the water pump, the cylinder head gasket and the engine block
- Eliminates the need for expensive repair
- Lubricates the water pump and does not contain acids and is not poisonous
- Does not harm rubber hoses, metal parts and gaskets

Usage

Suitable for all aluminium, plastic and steel radiators of cooling systems in petrol, diesel and LPG engines. Compatible with water, cooling fluids and conventional anti freeze.

Direction

Shake well before use. Add the contents of the can to the cooling system with switched-on heating and warm (not hot) running engine. Keep engine running for approximately 10 minutes or drive a short distance. Be careful when opening the radiator / cooling system: hot coolant or steam might escape from the system. Dirty cooling systems should first be cleaned with ARDINA Radiator Cleaner.

Dosage

The content of one bottle is sufficient for cooling systems with a volume of up to 15 litres.

Technical specifications

- Density g/cm³: 0,1.02
- PH-value: 7,0
- Colour: Brownish
- Odour : Characteristic

Kyoto Japan Performa Radiator Cleaner

Product Code:

KJA1932

Benefits

- Effectively cleans the entire cooling system and removes sludge, rust, scale and other deposits
- Improves the heat transfer from engine to cooling system and prevents overheating
- Prevents build up of acids and contaminants
- Does not contain acids and is not poisonous
- Does not harm rubber hoses, metal parts and gaskets

Usage

Suitable for all aluminium, plastic and steel radiators of cooling systems in petrol, diesel and LPG engines. Compatible with water, cooling fluids and conventional anti freeze.

Direction

Shake well before use. Add contents of one bottle to the radiator, drive for about 30 minutes and drain cooling system. Flush with water and refill cooling system. Be careful when opening or draining the radiator / cooling system: hot coolant or steam might escape from the system.

Dosage

The content of one bottle is sufficient for cooling systems with a volume of up to 15 litres.