

PRODUCT CATALOGUE

J.P.N FILTER

SINCE 2012

OIL FILTERS

FUEL FILTERS

AIR FILTERS

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AIR DRYER FILTERS

J.P.N OIL FILTERS

Engine oil lubricates all moving and functional parts in the engine. The soot and particles formed in the combustion chamber mix with the engine oil and increase the oil's viscosity. Corrosion occurs on bearing and cylinder surfaces. Consequently, engine performance decreases and fuel consumption increases. At worst, engine damage can occur. 75% of the causes of malfunctions in the moving parts of the engine can be attributed to unwanted particles in the oil. It is the oil filter's job to remove these particles from the oil flow to help prevent early component wear and system failure. As the complexity of lubrication systems increases, the need for reliable filtration protection becomes more critical than ever.

High fuel and less fuel consumption is based on today's engines. Clean oil is essential for the engine's first day performance and efficiency. J.P.N filter cleans oil with high precision for the first-day performance and efficiency of your engine.

There are many types of oil filters available today. Choosing the optimum filtration solution contributes to prevent damage caused by contamination and increase system availability and thus contributes to significantly increasing productivity.

BENEFIT OF J.P.N OIL FILTERS

- Maximum dehumidification and longer system life

- Low operating and maintenance costs

- Maximum safety in vehicle braking system

ADVANTAGE of J.P.N OIL FILTERS

- Cleaner engine oil

- Low engine maintenance cost

- Low operating cost

- Increased engine efficiency

- Increased filtration capacity and lifetime

- Sustainable efficiency filtration up to 99.9%

- ~80% less oil usage

FEATURES OF J.P.N OIL FILTERS

- High reliability efficiency and performance

- Ensuring that the desired amount of oil is filtered cleanly, which will minimize friction.

- Has the ability to fully retain particles such as carbon, chrome and metal particles caused by burning, friction and pressure

- Metal parts resistant to high pressure and corrosion

- Superior sealing ability of the filter in terms of winding, adhesion and joints Quality and safe packaging

- Perfect balance of dirt catching efficiency and dirt holding capacity.

- Provides pressure-resistant and uninterrupted oil flow

**Spin-On (Screw Thread) Type Oil Filters
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It is a complete filtering system and is a type of filter attached to the vehicle by screwing. The filtering material is inside the filter box (cartridge). In Spin-On (Threaded) type oil filters, both separation performance and pollution holding capacity are greatly increased by optimizing the filter media structure.

J.P.N FUEL FILTERS

In all systems where diesel or gas fueled high pressure fuel is injected, there may be accidental additives or unwanted particles into the system. These particles can cause significant damage in a short time.

One of the main factors affecting engine performance is clean fuel. This ensures that the fuel filter is a very important part of the vehicle. The fuel filter removes dirt and moisture in the fuel to protect the engine injection pump, nozzle from wear and clogging.

Fuel comes to the carburetor through the fuel pump and injection system. Especially in modern injection systems, dirty particles come from the fuel tank and cause wear. After this wear, excessive fuel consumption starts and the engine does not operate at the desired performance. The water in the fuel causes serious damage to the system, causing corrosion. The worst thing is that these two possibilities occur all at once. When these two events occur, the injection system crashes and the vehicle becomes inoperable.

Therefore, fuel filters can be considered as the last defense preventing particles in the fuel from reaching the engine and being damaged. SAMPIYON fuel filters keep your engines and equipment running smoothly. Offers fuel filtering products to protect your fuel systems, including injectors, pumps and engines.

ADVANTAGES OF J.P.N FUEL FILTERS

- High reliability and performance

- High efficiency in filtering particles to protect fuel injection system and engine

- Complete combustion with clean fuel input into the combustion chamber of the engine

- Longer engine life

- Low operating cost 100% fuel filtration

FEATURES OF J.P.N FUEL FILTERS

- High performance special percolators that keep the water and unwanted particles in the fuel Metal parts resistant to high pressure and corrosion

- 100% quality control and laboratory tests during the production process

- Superior sealing ability of the filter in the winding, adhesion joints Advanced sealing technology

Spin-On (Screw Thread) Type Fuel Filters

It is a complete filtering system and is a type of filter attached to the vehicle by screwing. The filtering material is inside the filter box (cartridge). Water discharge sensors for many new generation vehicles are designed and designed in such a way that water collection bowls can be connected. For this reason, there are many types, shapes and forms of spin-on (Screw-threaded) fuel filters.

Element Type Fuel Filters

Unlike spin-on (screw-threaded) fuel filters, the filter box (cartridge) is on the vehicle, and they are filters that are used and replaced only as filter elements. In new generation vehicles, environmentally friendly ecologically defined filters, our products thermally produced with plastic and cellulosic materials without the use of metal parts are available in our product range as E and EX series.

Fuel Line Filters

These types of filters are connected directly to the fuel system itself and filter. They are produced in two different forms as plastic and metal.

J.P.N AIR FILTER

Fresh air is needed for trouble-free driving. However, particles such as dust and soot enter the engine by being in the air. These cause wear on the cylinders and pistons, causing a decrease in the efficiency of the engine, excessive fuel consumption and a short engine life. J.P.N air filters ensure the continuity of the data provided by the engine manufacturers that will filter these particles in the air before they enter the engine and ensure that the engine operates at the first day's performance.

Clean intake air is required for optimum performance in internal combustion engines. If airborne contaminants such as soot or dust enter the combustion chamber, wear on the cylinder heads may occur, and this can lead to early wearing of the engine. The functioning of electronic components located between the suction and combustion chamber can also be significantly damaged. J.P.N FILTRE air filters are the end of the road for all dirt particles.

J.P.N FILTRE air filters filter even the smallest particles (dust, pollen, sand, soot or water droplets) from the intake air thanks to the most advanced dirt separation feature and high mechanical strength. This ensures the optimum combination of fuel-air ratio and allows stable engine performance. Air filters should be checked regularly for full performance. The air filter element should be replaced every 2 years or 20,000 miles, whichever comes first. Because the clogged filter will prevent the air from going to the engine. The possible consequence of this is that the fuel may not burn completely and may partially escape from the system without ever being used.

Another distinctive feature of J.P.N FILTRE air filters is their high dust holding capacity, providing reliability throughout the entire service interval. It has a complete staff of engineers and product designers working with the latest computer software to engineer every air filter and air intake system we make.

ADVANTAGES OF J.P.N AIR FILTERS

- Pressure and corrosion resistant inner and outer sheath steel construction produced with
- Longer engine life
- Low operating cost
- Reduces air filter service and replacement
- Lowers cost per operating hour
- increases engine protection, extends service intervals and reduces operating costs.
- fuel saving with fresh air intake suitable for the system's needs

FEATURES OF J.P.N AIR FILTERS

- High efficiency
- More dust holding capacity
- Helix technology
- Advanced sealing technology
- Long-lasting filter paper suitable for the micron structure specified by the engine manufacturers
- Quality and safe packaging
- Quality control and laboratory tests in the production process

AIR FILTER

Spin-On (Screw Thread) Type Air Filters

It is a complete filtering system and is a type of filter attached to the vehicle by screwing. The filtering material is inside the filter box (cartridge).

Round Type Air Filters

It is widely used in light commercial vehicles, heavy duty vehicles and construction equipment. It is generally used in new model vehicles. There are products in our production range for both new generation and old generation vehicle groups. Our CR (radial) series products with advanced sealing technology for new generation vehicles are available in our catalog.

Flat (Panel) Type Air Filters

They are widely used in today's automotive vehicles. Provides high performance to your vehicle with its advanced technology and easy installation.

J.P.N

J.P.N CABIN FILTERS

The cabin filter cleans the air that passengers and driver breathe in the passenger compartment. Because polluted air significantly affects both our health and our concentration while driving, the cabin filter is extremely important. Polluted air is a very serious threat. According to the official data of the European Environment Agency: Fresh air cabin for healthy driving

In Europe, 460 000 people die early every year just because of the polluted air.

Extremely polluted air problem affects 80% of the population of all urban areas in Europe.

We care about your travel comfort. The cleanness and quality of the air you breathe while in your vehicle is directly related to safety and health. Regardless of long travel attendants or daily users, the air comfort and cleanliness of the cabins should be provided at global standards. Cabin filters keep the air circulating to your vehicle from external factors such as dust, particles, foreign objects, and prevent your eyes and general health from getting tired in a short time. You can safely choose champion cabin filters that have passed many tests and measurements. The maintenance and innovation of cabin filters should be provided at the recommended km and distances according to vehicle types.

Flat Type Cabin Filters

Generally, they are cabin filters used in the automobile group. The main purpose of the cabin air filter is to keep solid contaminants such as dust, pollen and soot from the air entering the vehicle's passenger compartment. Carbon cabin air filters continue to clean dust, pollen and other pollutants in the air, but however, it also absorbs exhaust fumes and unpleasant odors before it enters the passenger area of a vehicle.

Round Type Cabin Filters

Generally, they are cabin filters used in commercial vehicle and construction equipment group.

AIR DRYER FILTERS

Air dryers are a filter that protects a vehicle's brake air system. It provides protection against corrosion and freezing by preventing the pressure from the vehicle compressor, hot and humid air from entering the system. As a result, the entire air system operates safely and at top performance.

Air dryer filters provide powerful protection against oil leakage with compressed air from the vehicle compressor. With its stable and continuous renewal process, J.P.N FILTRE air dryer filters provide superior dehumidification performance and excellent oil separation at the same time. J.P.N brand air dryers should be preferred for tough and safe vehicle driving.

FEATURES OF J.P.N AIR DRYER FILTERS

- High reliability efficiency and performance

- It has the ability to fully retain particles such as carbon, chrome and metal particles caused by burning, friction and pressure

- Metal parts resistant to high pressure and corrosion

- Superior sealing ability of the filter in the winding, adhesion and joints Quality and safe packaging

- Excellent balance of oil, water, dirt capture efficiency and water holding capacity.

- It is pressure-resistant and provides continuous dry air flow.

J.P.N AIR DRIER FILTER VARIETIES

Spin-On (Screw Thread) Type Air Dryer Filters

It is a complete filtering system and is a type of filter attached to the vehicle by screwing. The filtering material is inside the filter box (cartridge). In Spin-On (Screw Thread) type air dryer filters, the dehumidification granule particles and the filtering environment are optimized. In this way, both the dehumidification performance and the dirt holding capacity are maximum.
