

# ***FUEL FILTER***

## ***CHOOSING OUR GENUINE PARTS***



***GENUINE  
PARTS***

# How Fuel Filter works

## THE KEY ROLE PLAYED BY THE FUEL FILTER

### Get the best out of your engine

With the increasing use of common rail\* systems, high-quality fuel oil filtration is essential for protecting the injection system and keeping it in good working order.

FPT fuel filters are designed specifically for your engine, and ensure the cleanliness of the fuel, removing four types of contaminants:

TYPES OF CONTAMINANT		RISKS	CONSEQUENCES
1	<b>Water</b> formed by condensation inside the tank	corrosion of the pump and the injectors	excessive consumption of fuel
2	<b>Organic contaminants</b> produced as a result of the refining process, such as paraffin	clogging of injectors	problems on start-up
3	<b>Soot</b> created when the fuel is subjected to high temperatures	premature clogging of the filter	increased maintenance
4	<b>Mineral contaminants</b> metallic particles from the circuit	wear of circuit components	engine failure

\*Fuel injector bank

FPT FILTER



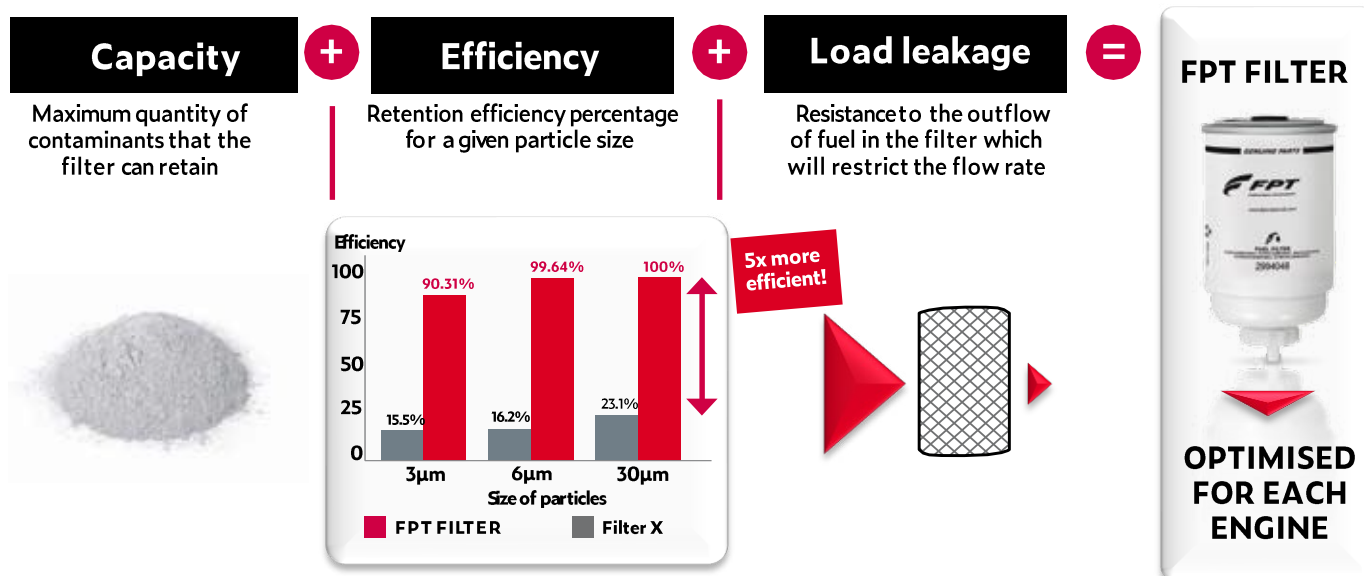
PROTECTED INJECTION



# Genuine Fuel Filter performance

## MAIN FEATURES OF THE FILTER

FPT genuine fuel filters boast three complementary properties:



These three characteristics must be combined in just the right measure, so that the fuel circulates and stays clean over time. Only genuine parts can guarantee optimum filtration for your specific usage needs.

## THE FILTERING MATERIAL: A HIGH-TECHNOLOGY ELEMENT

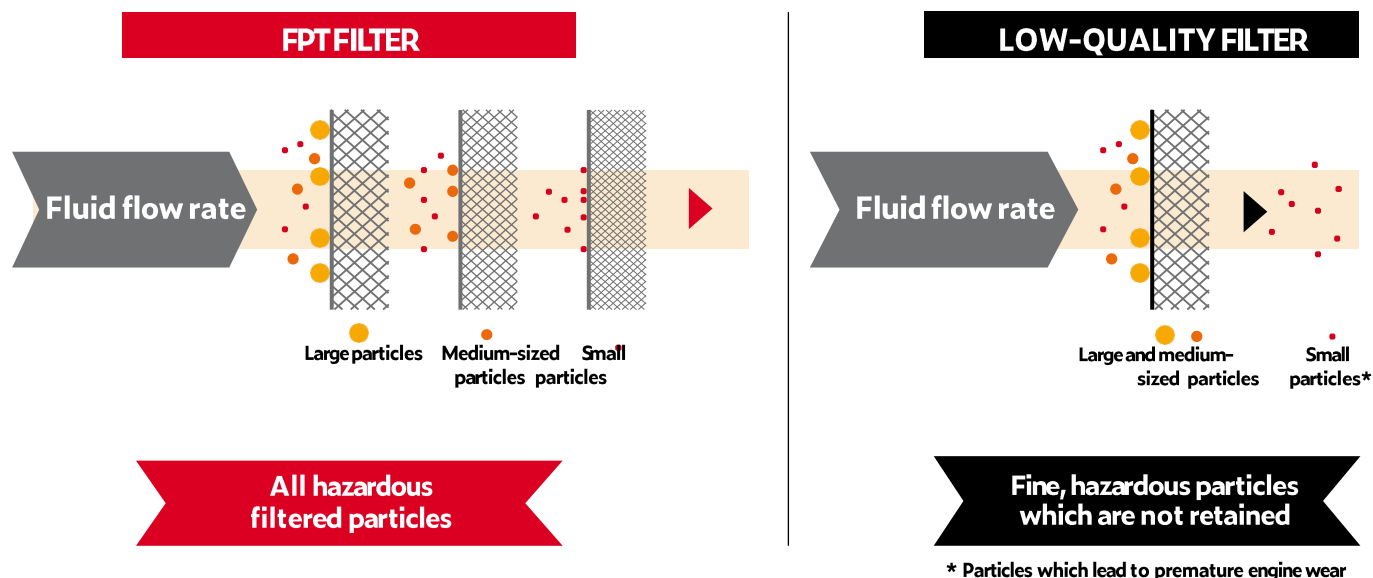


To ensure that these 3 properties are present, the quality of the filtering element is crucial.

FPT uses a multi-layer filtering material which stops the majority of particles of all sizes.






# Why choose a Genuine FPT Fuel Filter



## THE STRUCTURE: THE DIFFERENCE IS ON THE INSIDE

FPT chooses materials that can withstand extreme temperature, vibrations and pressure. These conditions, which are subjected to dynamic pressure tests\* in the laboratory, allow us to validate the quality of our products.

<p><b>FPT FILTER</b></p> <p>4.000.000 cycles</p>  <p>Fault free 😊</p>	<p><b>LOW-QUALITY FILTER</b></p> <p>3.099 cycles</p>  <p>Crack failure = fuel leakage ☹️</p>	<p><b>FPT FILTER</b></p>  <p>MADE TO LAST</p>
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\*Test conducted at a frequency of 10 Hz with pressures varying from 0 to 12 bar, equal to a pressure of 12 kg/cm<sup>2</sup> applied every second.

# Get the most from your Fuel Filter

## MAINTENANCE INTERVALS

It is recommended that you change your filter, along with the pre-filter, once a year\*.

## PRECAUTIONS BEFORE USE

- ! If the filter is not packaged, store it upside down to prevent dust from falling into it
- ! Always handle by the tank
- ! Lightly oil the joint for ease of tightening



\* Duration generally observed: for more information, please refer to the use and maintenance manual or the booklet on the filters.

## DID YOU KNOW?

A new filter can contain metal residues left over from the manufacturing process. These residues can cause irreversible damage to your fuel injection system.

This is why FPT production takes place in a controlled atmosphere and numerous components are washed to make sure that the new filter can work as effectively as possible.

# Genuine Parts Benefits

FPT is the only one who can guarantee the original quality and performance of your engines. By using Genuine parts, made by those who built your engine, you ensure long-lasting performance and over-time value of your investment.



ACHIEVING THE MAINTENANCE INTERVAL DECLARED BY FPT



PERFECT FIT FOR SYSTEM EFFICIENCY OF THE ENTIRE ENGINE



COMPLIES FULLY WITH FPT SPECIFICATIONS



ALL GASKETS SUPPLIED HAVE ACCURATE PROFILES TO PROVIDE PERFECT SEAL



MAXIMIZING PRODUCTIVITY BY REDUCING TURNAROUND TIME AT DEALER WORKSHOP



ANTI-COUNTERFEITING TEXT ON LABEL



COMPLETE PRODUCT RANGE COVERING RUNNING PARC



12 MONTHS WARRANTY

Wherever you are, you can have access to a vast selection of Genuine Parts for your engine. This means enhanced performance and minimal downtime to maintain high levels of productivity.

**TOP QUALITY AND PERFORMANCE ARE REACHED ONLY BY USING FPT GENUINE PARTS.**





## 24/7 CARE & ASSISTANCE

Please, don't hesitate to contact us  
for any further information

[fptindustrial.com](http://fptindustrial.com)