

CASE *GENUINE PARTS*

CASE MAKES THE DIFFERENCE.
LET'S SEE HOW.


FUEL FILTER HIGH QUALITY FILTRATION, OPTIMAL LUBRICATION





THE KEY ROLE PLAYED BY THE FUEL FILTER

With the increasing prevalence of "common rail" * systems, the quality of diesel fuel filtration is essential for the protection and performance of the injection system. Case fuel filters are designed specifically for your engine, and ensure the cleanliness of the fuel, removing four types of contaminants:

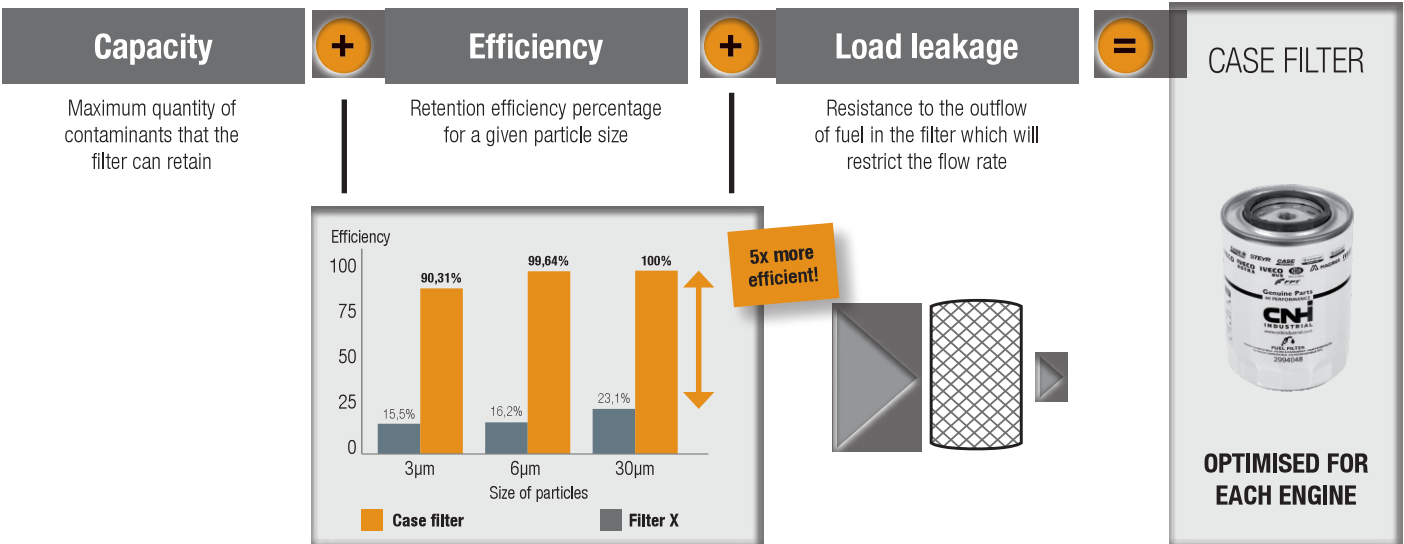
TYPES OF CONTAMINANT		RISKS	CONSEQUENCES	<div>CASE FILTER</div> <div></div> <div>PROTECTED INJECTION</div>
1	Water formed by condensation inside the tank	corrosion of the pump and the injectors	excessive consumption of fuel	
2	Organic contaminants produced as a result of the refining process, such as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

*Fuel injector bank



WHY CHOOSE A CASE ORIGINAL FILTER?

ESSENTIAL PROPERTIES OF THE FILTER
Case original fuel filters boast three complementary properties:

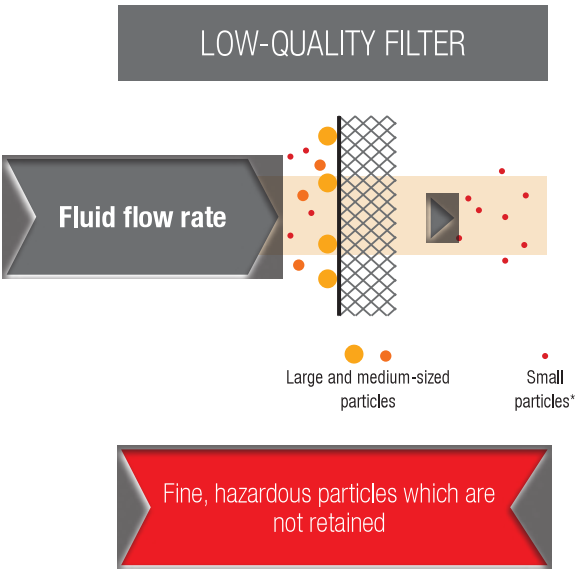
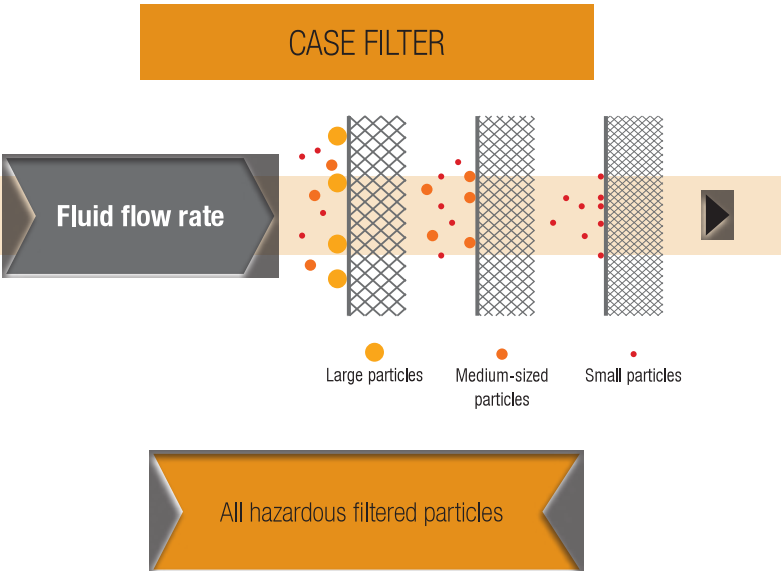


These three characteristics must be combined in just the right measure, so that the fuel circulates and stays clean over time. Only original replacement parts can guarantee optimum filtration for your specific usage needs.

THE FILTERING MATERIAL: A HIGH-TECHNOLOGY ELEMENT



To ensure that these 3 properties are present, the quality of the filtering element is crucial.
Case uses a **multi-layer filtering material** which stops the majority of particles of all sizes.

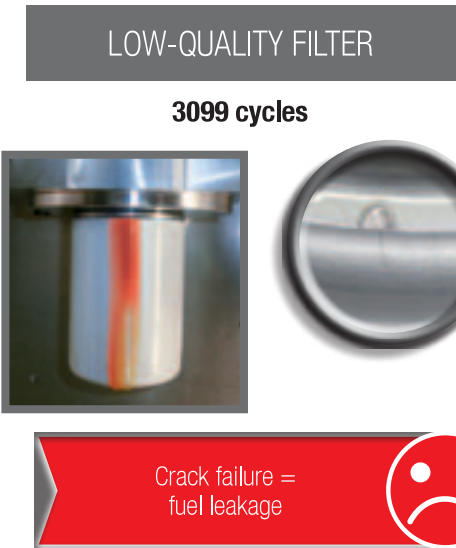
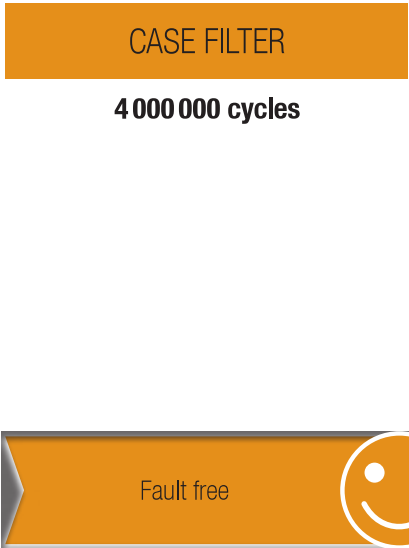


* Particles which lead to premature engine wear.

THE STRUCTURE : THE DIFFERENCE IS ON THE INSIDE

Case 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.



*Test conducted at a frequency of 10 Hz with pressures varying from 0 to 12 bar, equal to a pressure of 12 kg /cm2 applied every second.



RECOMMENDATIONS FOR USE

MAINTENANCE INTERVALS

It is recommended that you **change your filter, along with the pre-filter, every 600 hours, or once a year***.

It's better to change a filter than a bank of fuel injectors!

USAGE PRECAUTIONS

- ! 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, please refer to your vehicle maintenance manual or the filter booklet for more information.

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. For this reason, Case produces certain key components in a controlled environment, and in addition, washes some of these to ensure the best performance of your new filter.



Controlled environment site



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