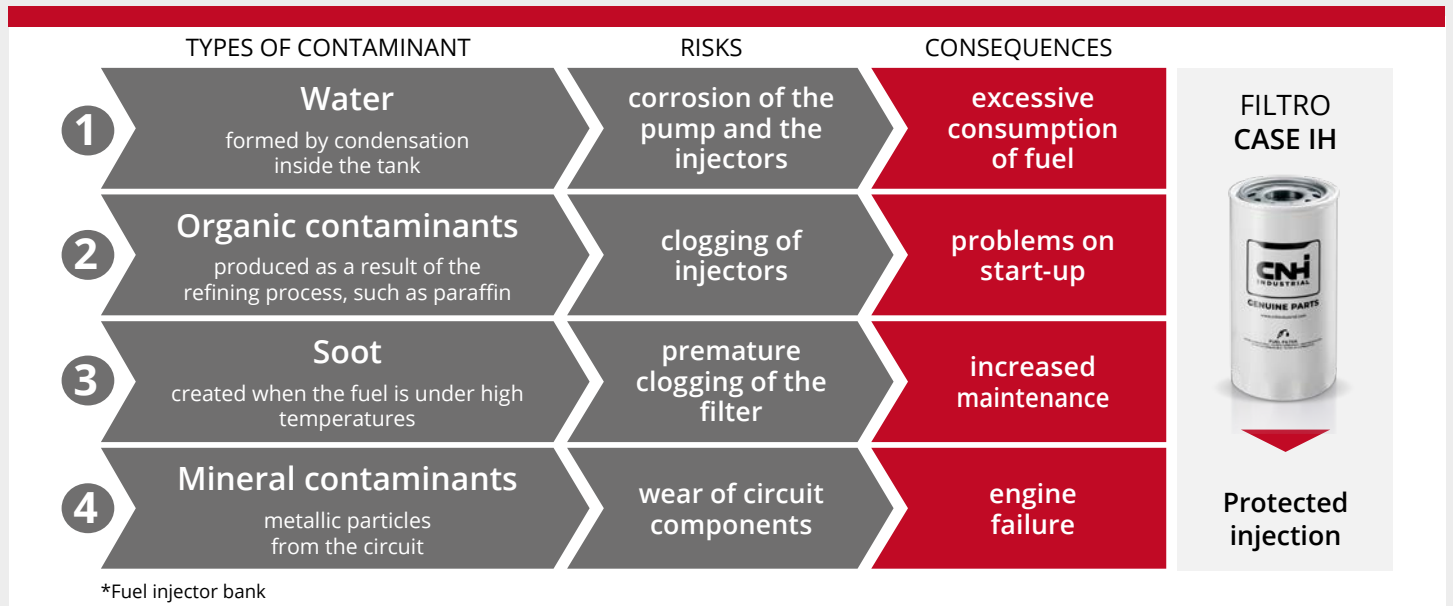




The key role played by the fuel filter.

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








WHY CHOOSE GENUINE FUEL FILTER?




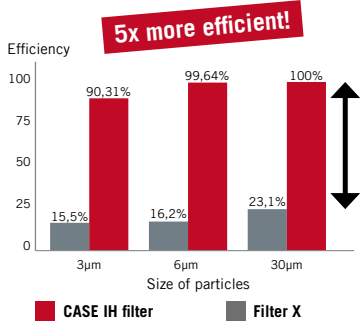
Why choose Genuine CASE IH fuel filter?

ESSENTIAL PROPERTIES OF A FILTER

CASE IH fuel filters boast three complementary properties:

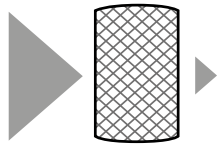
Capacity Maximum quantity of contaminants that the filter can retain	+	Efficiency Retention efficiency percentage for a given particle size	+	Load leakage Resistance to the outflow of fuel in the filter which will restrict the flow rate	=	CASE IH FILTER  Optimised for each engine
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Particle Size (µm)	CASE IH filter (%)	Filter X (%)
3µm	90.31%	15.5%
6µm	99.64%	16.2%
30µm	100%	23.1%

5x more efficient!



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

THE FILTERING MATERIAL: A HIGH-TECHNOLOGY ELEMENT

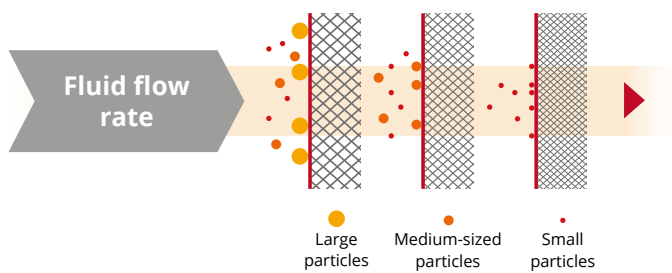
To ensure that these 3 characteristics are present, the quality of the filtering element is crucial. CASE IH uses **a multi-layer filtering material** which stops the majority of particles of all sizes.



Reinforced structure of the inner cartridge which prevents leaks and unfiltered fluid from bypassing the filter.

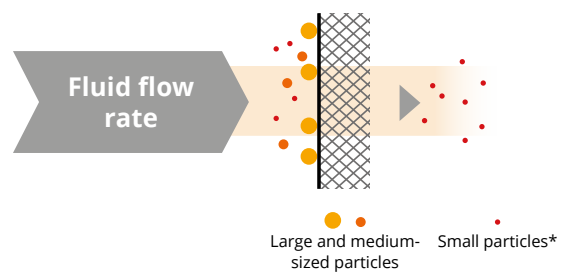


CASE IH filter



All hazardous filtered particles

Low-quality filter



Fine, hazardous particles which are not retained

* Particles which lead to premature engine wear.

THE STRUCTURE: THE DIFFERENCE IS ON THE INSIDE

CASE IH 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.

CASE IH filter

4 000 000 cycles



Fault free



Low-quality filter

3099 cycles



Crack failure = fuel leakage



CASE IH FILTER



Made to last

*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.