Product Sheet

CJC® Filter Inserts, type DFi

Specially designed for filtration of diesel fuel

CJC® DFI FILTER INSERTS

The CJC® Diesel Fuel Inserts, DFi, are specially designed for filtration of distillate diesel fuels, including bio diesel blends. The DFi Filter Inserts are used in the CJC® Fine Filter range and in the CJC® Filter Separator range. The DFi Filter Inserts effectively remove particles, asphaltenes and bacteria from diesel. In cases where a little water is present in the oil, the DFi Filter Insert will absorb the water. In cases with a lot of water present, the DFi Filter Insert will allow the excess water to pass through to the water separator in the filter unit.

Used for filtration of the following oils:

- Diesel fuels in accordance with DIN EN 590
- Diesel fuels in accordance with ASTM D975
- Marine Distillate fuels: DMX, DMA, DFA, DMZ, DFZ, DMB, DFB (ISO 8217:2017)
- Other similar/equivalent diesel fuels

CONTAMINATION CAPACITY

Based on field experience we have observed that the total Dirt Holding Capacity (DHC) is dependent on shape and density of particles and other variables within an oil system.

When saturated, the total weight of accumulated contamination depends on the application and the combination of contaminants as well as the density of the captured contamination.

Contamination Capacities	Size		
	15/12	15/25	27/27
Solids, kg (lb)	1 (2.2)	2 (4.4)	4 (8.8)

COMPONENTS

The CJC® Filter Inserts consist of cellulose bonded discs **made of natural cellulose fibres.**

DISPOSAL OF USED CJC® FILTER INSERTS

The CJC® Oil Filters are green solutions, and at C.C.JENSEN one of our objectives is caring for the environment. Therefore, please arrange proper disposal of used Filter Inserts in accordance with local legislation.

IDENTIFICATION

To order the CJC® DFi Filter Insert, please use:

Article No.:

- 1 x DFi 15/12: PA5609557
- 1 x DFi 15/25: PA5609556
- 1 x DFi 27/27: PA5609555

DFi 15/12 *DFi 15/25* *DFi 27/27*

FILTRATION TECHNOLOGIES

► **Oil filtration degree**

*Particles can be removed according to the illustration below *)*

For offline oil filtration, the dirt holding capacity is paramount because the offline process will have time to remove contaminants, unlike in-line filtration. Our focus is on removing the smallest and most harmful particles.

► **Oxidation and oil degradation products**

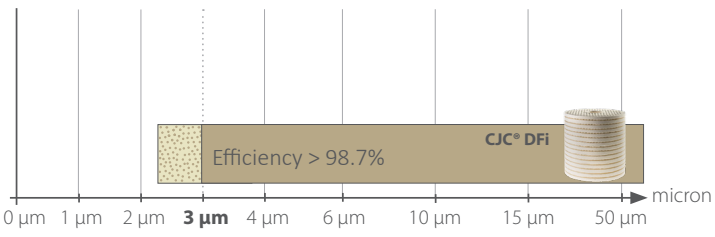
The cellulose material retains oxidation by-products, resins and sludge. The huge surface area of the filter media removes contamination through absorption and adsorption. By effectively removing contaminants we can slow down the rate of oil degradation.

► **Water removal**

The CJC® DFI Filter Inserts are designed to let water pass through. After the initial absorption of some water, the filter insert will allow water to pass through without increasing the pressure.

*) Oil Filtration Efficiencies - Particles

CJC® Filter Inserts



CJC® **DFi** Filter Insert:

- resistant to water
- high efficiency
- Pressure drop does not increase with water
- removes asphaltenes and bacteria from diesel

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