

# SINFT OFFLINE FINE FILTER



**5-10 TIMES  
MORE  
OFF-LINE DIRT  
HOLDING  
THAN  
IN-LINE**

## Selection Reference:

Type	15/25 series	27/27series	27/54 series	27/108 series
Material	Cast steel spraying	Cast steel spraying	Cast steel spraying	Cast steel spraying
Filtration accuracy	3µm	3µm	3µm	3µm
Fow rate	60L/H	120L/H	240L/H	480L/H
Installation	G3/8" internal teeth	G3/4" internal teeth	G3/4" internal teeth	G3/4" internal teeth
Dimensions	L: 362mm W: 198mm H: 440mm	L: 540mm W:350mm H:510mm	L:540mm W:350mm H:770mm	L:540mm W: 350mm H: 1303mm
Net weight	30kg	60kg	65kg	75kg
Power supply	380V 50HZ (customizable)			
Overpressure protection switch included				
Mobile trolley with overheat protection switch (optional)				
On-line particle/moisture monitoring (optional)				
Usage: Bypass off-line fine filtration, does not affect the pressure of the main line				



**Filter Inserts Series:** A B F GFi KFi PSi VRi LO

**Filter Element Size:** 27/27 2\*27/27 38/20 38/40 38/60 38/80 38/100 15/25 15/12 15/50 15/36

**We can provide treatment solutions oils for different applications**

98.7%

Experimental data shows that our equipment can filter out 98.7% of solid particles larger than 3µm in diameter and 50% of solid particles larger than 0.8µm in diameter in one go.



Maximize the performance and service life of the oil (no oil change for more than 5 years)  
Reduces the need for traditional in-line filter replacements (5-10 times more off-line dirt holding than in-line)  
The viscosity of the used oil is from 32 cst to 320 cst  
It has good water absorption without affecting the effect of the filter.



The off-line filter can remove rigid particles, adsorb oxides, sludge, moisture and other multiple functions. The accuracy of ordinary glass fiber filter element is too coarse, and it is limited by the material of the filter element and does not have such an effect.

# SINFILTER Replace CJC Series Element

## Fluid Compatibility (ISO 2943)

In order to better match the filter element to your system, we conducted an adaptability experiment between the wind turbine gear oil and the filtration system. The experiment was conducted in 4 aspects: **moisture, viscosity, total acid value, and particle pollutant level.** The test conclusion proves that the filter element will not cause significant changes or reductions in the performance and composition indicators of the oil. In addition, the filter element only plays a filtration role, the cleanliness of the oil is improved, and the water content is effectively reduced. Tests have proven that the filter element is adaptable to oil products and filtration system.



## Flender Foam Test Procedure

At the same time, in order to prove that our filter element will not filter out the anti-foam additives in the oil, we also conducted a Flender foam test. According to the test standard ISO 12152:2012, the test starting temperature is 25° C, and the volume increase percentage after 1 minute is 15%. Within 5 minutes, the volume increase percentage is within 10%, and our filter element is fully qualified. **And any lubricating oil can only be recommended if it has a low foaming tendency.**

## Test Report

