

Wärtsilä 50DF Pilot fuel line water separator

PRODUCT LEAFLET



The Wärtsilä 50DF pilot fuel line water separator removes water from the pilot fuel return line of your engine and can indicate possible water leaks. Removing water from the fuel line prevents damage to your engine's pilot fuel and main fuel systems and increases engine's availability.



Water separator

TECHNICAL CONCEPT

The water separator functions in the following way: as fuel passes through the water separator, water is extracted to the bottom of the filter bowl, from which it can be manually drained. The filter is compact and has been designed according to IMO requirements.

MAIN BENEFITS

- Easy way to remove water from the pilot fuel return line
- Protects the internal fuel system of your engine (pilot fuel and main fuel side) from the possible damages caused by water
- Increases your engine availability by minimising the failure risk of the high-pressure fuel pump springs
- Low OPEX costs due to long filter life



SCOPE OF SUPPLY

The pilot fuel line water separator is designed for Wärtsilä 50DF engines. The solution can be offered to you as a turnkey delivery including installation and all the required components as well as the modifications required for the pilot fuel return pipe.

The installation is carried out by two Wärtsilä Service Engineers. The duration of the installation is 1,5 days per engine.

SOLUTION AT A GLANCE

- The Wärtsilä 50DF pilot fuel line water separator is a highly efficient solution for removing water content from your pilot fuel return line.
- You can easily monitor the water content from the bottom drain.
- The filter assembly is designed to meet the requirements of classification societies.
- Easy to maintain, the filter cartridge can be changed when the engine is in operation.

TECHNICAL PROPERTIES

Operating pressure	Max 10 bar
Bypass valve	Located in piping
Operating temperature (Min-Max)	0...+60 °C
Housing material	EN-GJS-400-1 5
Weight	18,5 kg
Volume	5,5 l
Dimensions	229 mm x 582 mm
Filtering element	25 µ

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