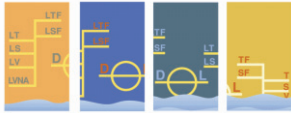




OIL FILTRATION SYSTEMS

# CJC™ Application Study

## Fishing Vessel - Diesel Fuel System



MARINE

Application Study written by  
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C.C. Jensen, Ltd (U.K.)

### CUSTOMER

Shipowner: Hatton & Westermann  
Region: Isle of Man  
Vessel: Natalie B  
Contact persons: Mr. Steve Hatton  
and Mr. Jim Westerman.

### THE SYSTEM

Deutz diesel engine, type KHD  
650 HP.

### THE PROBLEM

After experiencing a number of engine breakdowns relating to fuel contamination Mr. Jim Westerman decided to fit a CJC™ Filter Separator for the fuel oil.

### THE SOLUTION

A CJC™ Filter Separator type PTU2 27/27 P with pump flow rate = 120 ltr/hr using CJC™ Filter Insert type F 27/27 (3 µm absolute).

The function of the filter separator is to remove water and particle contamination from the fuel.

### THE RESULT

Since the installation of the CJC™ Filter Separator Steve Hatton and Jim Westerman have not experienced any engine breakdowns.

Due to the success with the filter separator for the fuel oil Hatton & Westerman have also purchased a CJC™ HDU Fine Filter for the engine lube oil and an HDU 15/25 for a hydraulic system.

After all three installations had been in operation for more than 18 months no breakdowns had been experienced with any of the systems.

### COMMENTS

**Owner Jim Westerman:**  
*The fuel has never been so clean and It is as good as red wine .*



Natalie B

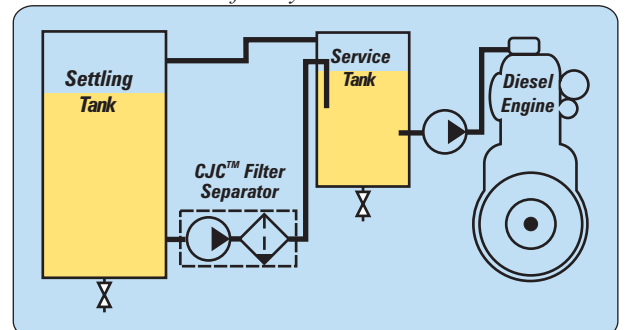


PTU2 27/27 P  
for gas oil separation



HDU2 27/54 P  
for lube oil treatment

Installation principle for CJC™ Filter Separators  
in marine diesel fuel systems



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