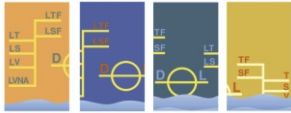




OIL FILTRATION SYSTEMS

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"

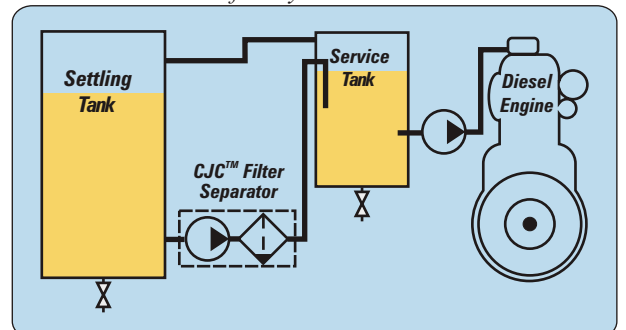


PTU2 27/27 P
for gas oil separation



HDU2 27/54 P
for lube oil treatment

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



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