



OIL FILTRATION SYSTEMS

CJC™ Application Study

Diesel Fuel - Fishing Vessel



MARINE

*Application Study
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2001

CUSTOMER

Vessel: "Natalie B".
Shipowner: Hatton & Westerman.
Region: Isle of Man.
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™ FilterSeparator PTU2 27/27 P with pump flow rate of 120 ltr/hr using CJC™ FilterInsert F27/27 (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™ FilterSeparator 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 FineFilter 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".*



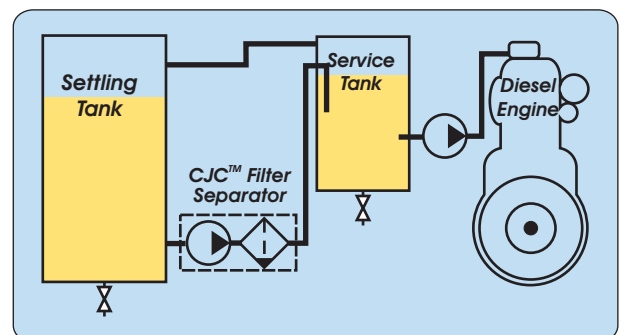
"Natalie B"



PTU2 27/27 P.
for gas oil separation.



HDU2 27/54 P
for lube oil treatment.



Installation principle for CJC™ FilterSeparators
in marine diesel fuel systems.

