



Oil Filtration Systems

MARINE

Application Study
written by:

Otto Kristiansen
Øvre-Johnsen as
Trondheim

2004



Hydraulic Oil and Diesel Oil Fishing Vessels

CJC™ Application Study

CUSTOMER

M/S "Paul Senior".

KR: Paul Kåre Aandahl, Averøy.

PROBLEM

The vessel had a lot of water in the hydraulic oil and chose to install a **CJC™ FilterSeparator PTU 15/25 PV** with water discharger and **CJC™ FilterInsert BLA 15/25**.

RESULT

After operating 3 days with the new filter, approximately 20 liters of water had been removed.



CUSTOMER

M/S "TOJAKO".

Shipowner: Kåre Gården, Averøy.

PROBLEM

The vessel struggled with a lot of seawater in the hydraulic oil, during hectic herring fishery in the Westfjord of Norway.

RESULT

After installing a **CJC™ FilterSeparator PTU 15/25 PV**, with **CJC™ FilterInsert BLA 15/25**, the ship was able to complete the entire season without a single interruption or docking. The shipowner points out that this investment is one of the most profitable he has ever made.



CUSTOMER

M/S "SKLINNABANKEN".

KR: Jan Erik Johnsen, Toftsundet.

SYSTEM

Fuel tanks for storage of ballast.

PROBLEM

Ballast which gave off ore particles that further polluted the diesel oil.

RESULT

After the installation of a **CJC™ FilterSeparator PTU1 27/54 P-EPW**, with **CJC™ FilterInsert 2 x F 27/27** for filtration of oil between the bottom tank and day tank, the diesel oil has been free of particles, and expenses for nozzles and diesel pumps have been reduced.

The vessel has also installed a **CJC™ FilterSeparator** in the hydraulic system with a very good result.



COMMENTS

The CJC™ FilterSeparator is used on all types of oil systems where water ingress is a constant or regularly problem. Often inserts intended for removing unwanted particles, must be replaced because they are saturated with water.

With a CJC™ FilterSeparator running costs are reduced considerable because the filter removes particles even though it has absorbed as much water as possible.