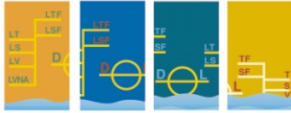




OIL FILTRATION SYSTEMS

CJC™ Application Study

Hydraulic Oil – Off-shore Drilling Rig, Thrusters and Cranes



OFFSHORE

*Application Study
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2001



CUSTOMER

Smedvig Offshore ASA, Drilling Rig, "West Venture".

THE SYSTEM

8 Rolls Royce Thrusters.
Oil type: Shell Omala 150.

THE PROBLEM

Two of the thrusters suffered from heavy water ingress – water content was measured to about 2,000 ppm.

THE SOLUTION

As part of an preventive oil maintenance program two **CJC™ PTU2 27/27 PV-DEH1PW Filter Separators** were installed. The demand for keeping particle and water contents at low levels very soon led to the installation of further filter separators on the remaining six thrusters.

In addition to this two **CJC™ Fine-Filters HDU 27/27 P** were installed on the rig cranes.

THE RESULT

Already after a short period of filter separator operation the oil cleanliness had improved considerably.

The average water content in the thruster oils is now maintained within a range from 400 to 600 ppm.

COMMENTS

Jan Egil Sandnes and Peter Jørgensen, Technical Managers on board the "West Venture" state that they are very satisfied with the installations of CJC Filters on both cranes and thrusters.



The Off Shore Drilling Rig "West Venture".



PTU2 27/27 PV-DEH1PW Filter Separator.



HDU 27/27 P FineFilter.

