

MONITORING A HYDRAULIC FLUID FILTER

ABSTRACT:

A hydraulic circuit for supplying hydraulic fluid to a subsea control module of a control system for an underwater hydrocarbon well, comprises: an input (1a or 1b) for hydraulic fluid; a filter (2a or 2b) connected with the input for filtering hydraulic fluid from the input; an output (5) for supplying hydraulic fluid from the filter to the subsea control module; first sensing means (10a or 10b) for sensing pressure of hydraulic fluid from the input upstream of the filter; second sensing means (8) for sensing pressure of hydraulic fluid downstream of the filter; and a subsea electronics module (11) in the subsea control module, the subsea electronics module being coupled with the first and second sensing means and being adapted to produce an indication related to a hydraulic fluid pressure differential across the filter.

(Fig. 2)