

Fluitec Case Study



Angola | Major Offshore Operator

Total Saved
\$61K

Problem

In Angola, a major Offshore operator began noticing drastic increases in temperature in their multiport water injection pump. In attempts to identify the challenge, they replaced the existing heat exchanger with a clean, new heat exchanger.

They noticed that the heat exchanger which was removed from the system was coated with varnish. With the new heat exchanger, the temperatures reduced for a short time, then increased again as varnish began accumulating on the exchanger plates. A second heat exchanger was added to help control the temperature, but this only reduced the temperature for a short period of time and then the temperature began increasing again.

Solution

Fluitec's DECON™ was added to the system to decontaminate the varnish.

Results

The additional heat exchanger was removed from the system after DECON was added and the system is now using its intended one heat exchanger. The temperature is remaining in the normal range since DECON cleaned up the varnish deposits in the system.

Client:	Major Offshore Operator
Country:	Angola
Application:	Pump
Cost savings:	\$61,000 USD (over 10 years)
Oil savings:	4,000 liters
CO2e kg saved:	62k CO2e kg (over 10 years)
Solution:	DECON™

