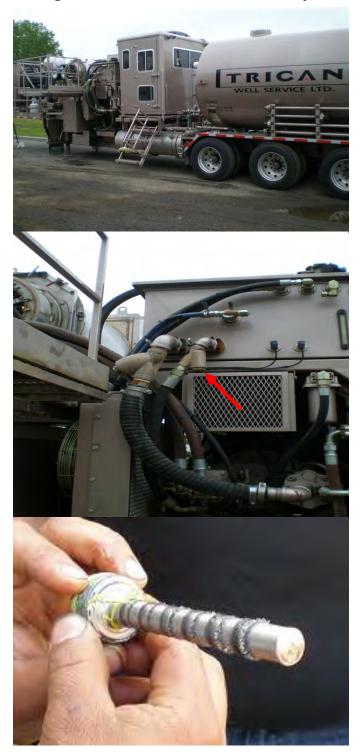


Magnetic Filtration Case Study



Oil & Gas N-2 Pumper

Surefire Industries Ltd Calgary Alberta

March 2008

APPLICATION: OEM Hydraulic & Glycol Coolant Filtration

PROBLEM: Ferrous Metal Contamination from manufacturing process.

SOLUTION: Installation of OEI Magnetic Filters inline on the hydraulic and glycol lines prior to the pumps as directed by senior design engineer Oleg Tsvik.

RESULTS: OEI filters Installed on the hydraulic reservoir on an N-2 Pumper for Trican Well Service Ltd of Red Deer. After 3 months of operation, the photo clearly displays a significant amount of ferrous metal contamination. The unit's traditional filtration failed to remove the contamination that would have caused serious premature wear to the pumps and seals of the hydraulic system.

Operating in isolated locations these units cannot afford to be down. The OEI filters will protect your equipment by ensuring significantly longer life of components and fluids, this translates to extended operational cycles and reduced maintenance costs...

The OEI magnetic filters are installed during the manufacturing process in the Y-Strainer format and Magnetic Filter rod format on every rig Sure Fire commissions. Coil Tube rigs, N2 Pumpers and Frac Units, Wire Line Trucks, Flush by Trucks, Work Over rigs, Heli Portable Rigs, Casing Rigs, Mud Pumps and Cementers. The OEI magnetic filters are easily cleaned and the contamination can be analyzed for component wear identification allowing predictive maintenance planning.

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