



CASE STUDY

CUSTOMER

BURLINGTON RESOURCES

LOCATION

TX USA, 2006

EQUIPMENT

COOLANT PUMP

APPLICATION

GLYCOL

**PROVEN
RESULTS**



**NO PUMP
FAILURES
IN OVER 1 YEAR**

INCREASED UPTIME

**REDUCED
OPERATING COSTS**

CHALLENGE

Excessive downtime due to diaphragm pump failures; the pumps were used to circulate glycol.

Todd Torrene, Maintenance Manager for Burlington Resources discovered the pumps were failing because of excess fine ferrous metal in the system, and that the conventional filters employed were not effectively removing the contamination.

The pumps were consistently failing after as little as three weeks of installation.

SOLUTION

Install an OEI magnetic filter y-strainer on the suction side of the diaphragm pump.

RESULTS

The magnetic y-strainer successfully filtered the wear contamination down to 4 microns and below.

After 12 months in service, no pump failures had been recorded.

The magnetic filter significantly reduced pump component failure, improved facility uptime, and reduced operating costs.



**PRODUCT
RECOMMENDATION**

**MAGNETIC FILTER
Y-STRAINER**



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