



CASE STUDY

CUSTOMER

WAJAX INDUSTRIAL SERVICES

LOCATION

CALGARY, AB CANADA / 2008

EQUIPMENT

NEW TRENCHER HYDRAULIC RESERVOIR

APPLICATION

HYDRAULIC FLUID

**PROVEN
RESULTS**



**REDUCED
TIME AND COST
FOR
MANAGING
CONTAMINATION**

CHALLENGE

Wajax was hired as the hydraulic design and service team for a new-build trencher. The initial hydraulic filter and flushing methods were not effective in removing break-in wear contamination. After initial operation, the ferrous particles left in the system caused catastrophic hydraulic pump and seal failure. Wajax was tasked with replacing the pumps and cleaning the system before the next start up.



SOLUTION

Wajax deployed OEI magnetic filters in the hydraulic reservoir for continuous filtration during operation as well as a portable kidney loop system to circulate and flush the hydraulic fluid before operation.



RESULTS

The hydraulics were flushed clean with the kidney loop system, the start up was a success, and the unit was commissioned for operation. The photo shows ferrous wear contamination captured by the magnetic filter element installed in the hydraulic reservoir.



**PRODUCT
RECOMMENDATION
DOLLY
KIDNEY LOOP
SYSTEM**



403.242.4221



QUOTES@ONEEYEINDUSTRIES.COM

