



CASE STUDY

CUSTOMER

ALLIANCE PIPELINES

LOCATION

SASKATCHEWAN CANADA / 2009

EQUIPMENT

HEAT RECOVERY SYSTEMS

APPLICATION

PENTANE

**PROVEN
RESULTS**



**HEAT
RECOVERY
SYSTEM
PROTECTED**

CHALLENGE

High levels of contamination in the pentane waste and heat recovery systems of Alliance Pipelines' heat recovery system.

Eugene Kuhn, P. Eng. the senior mechanical reliability engineer for Alliance Pipelines Ltd. was tasked with removing the contamination that was prematurely wearing pumps, seals, and piping components. This system operates at 350 gallons per minute with a viscosity of 0.24CP at 20 degrees F.

SOLUTION

Install an OEI magnetic filter element inside the existing conestrainer.

RESULTS

The photos show a significant amount of contamination collected on the magnetic filter elements; the pentane was cleaned, and the heat recovery system now operates far more efficient.



RECOMMENDED
PRODUCT

**MAGNETIC FILTER
ELEMENT**



403.242.4221



QUOTES@ONEEYEINDUSTRIES.COM

