



CASE STUDY

CUSTOMER

REGENCY ENERGY PARTNERS

LOCATION

WHITE DEER, TX USA / 2015

EQUIPMENT

COMPRESSOR

APPLICATION

LUBE OIL

PROVEN RESULTS



ONLY 1
ADD-VANTAGE 9000
COLLECTED 30
BALDWIN FILTERS
WORTH OF
CONTAMINATION

“Had the Baldwin filters alone been installed, this amount of contamination would have saturated 30+ filters”

- Larry Etchison, Plant Superintendent

CHALLENGE

Black powder contamination in the incoming sour gas was penetrating a compressor's seals and contaminating the lube oil. The plant was originally employing two banks of 4 Baldwin filters to protect the compressor. The contamination was causing the Baldwin filters to become saturated every 30 minutes (at a 30 psi pressure differential); changing these filters was very time-consuming and costly.

SOLUTION

Larry Etchison, Plant Superintendent, was determined to find a better way to protect the compressor and minimize manpower and expenses. They conducted a test using an OEI ADD-Vantage 9000 prior to 3 of the Baldwin filters.

RESULTS

What the mechanics saw shocked them. After 1 hour of operation, a significant amount of contamination had collected on the magnetic element and the pressure differential had not risen over 10 psi. They changed the Baldwin filters out and reinstated the bank for 4 hours before hitting 30 PSI. The next run lasted 10 hours.



403.242.4221

QUOTES@ONEEYEINDUSTRIES.COM

