



CASE STUDY

CUSTOMER

UNISON SOLUTIONS

LOCATION

IOWA / 2006

EQUIPMENT

REFUSE LANDFILLS

APPLICATION

METHANE GAS

PROVEN
RESULTSEFFECTIVENESS
IN HIGHLY
CORROSIVE
APPLICATION
PROTECTED
COMPRESSORS

“As you can see, the filter worked very well. The stainless element filtered out a huge volume of contamination, and the magnet also captured a decent amount of ferrous matter. The compressor itself is now in much better shape than it was before. There were very few contaminants left in the oil sump. Teflon oil tubes that were stained black before after a few hundred hours are now opaque white like they are suppose to be. We are very pleased with your filters.”

- Erich Deutch, Unison Solutions

CHALLENGE

Conventional filters were failing and unable to protect the compressors used to extract and compress methane gas from refuse landfill sites. The failures occurred as a result of sulfuric gas mixed with the methane reacting with the metal skin of the disposable filter.

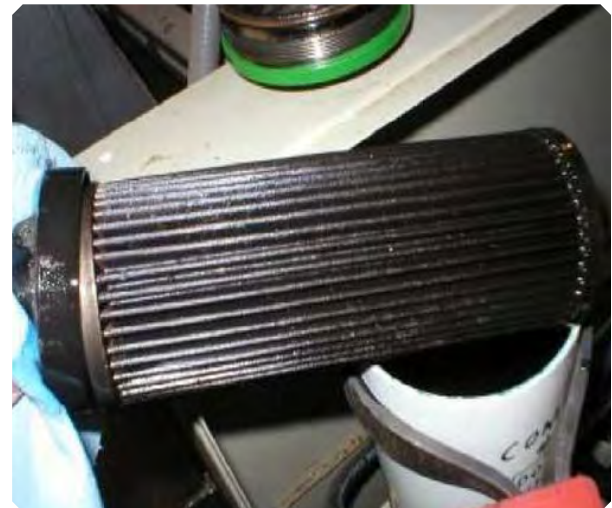
SOLUTION

Install a stainless-steel ADD-Vantage 9000 that is specially designed for corrosive applications.

RESULTS

The photo shows contamination collected on the stainless-steel cloth element after 800 hours of runtime.

- » The compressor's reliability improved.
- » Wear contamination was effectively removed from the oil sump.
- » The Teflon oil tubes that were previously stained black with contamination, are now the expected opaque-white.

PRODUCT
RECOMMENDATION**ADD-VANTAGE
9000**

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