

CASE STUDY

Reduction of Axial Bearing Deposits and Temperature at Gas Treatment Plant in Belgium

Fluitec's ESP helps increase efficiency and reliability at plant

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TOTAL SAVED
\$120K



CLIENT: Major Gas Treatment Plant

COUNTRY: Belgium

APPLICATION: Gas Treatment

COST SAVINGS: \$120,000

OIL SAVINGS: 1188 gals / 4500 liters

SOLUTION: Legacy ESP



PROBLEM

The Client began experiencing axial bearing deposits and increases in temperature at their gas treatment plant. Oil analysis showed MPC levels in excess of 30 and significant declines in the presence of Amines, below 20%! This negatively impacted on the efficiency of the plant and threatened unplanned downtime or even shutdowns.

SOLUTION

Fluitec's Legacy **ESP** was installed on the system and there was an immediate decline in the MPC values to 10. The Legacy ESP unit remained on the system and the filters were changed accordingly. This allowed the system to maintain normal MPC levels and reduce the temperatures on the axial bearings for more than 10 years!

RESULTS

After installation of the Legacy ESP system there was a decline in MPC values to 10 and these were maintained within the normal range for the next ten years with appropriate filter changes. The temperatures on the system have been normalized and there are no threats of an unplanned shutdown or downtime.

