

Fluitec Case Study



Qatar | Major Petrochemical Company

Estimated ROI
1,513%

Problem

A major petrochemical company began experiencing high bearing temperatures. Upon investigation, they discovered that while the varnish potential was stable, the MPC levels were above 30. The Mitsubishi compressors were not due for an oil change until the next 12 months and the plant did not want to experience any unexpected downtime.

Solution

Fluitec's ESP (Electrophysical Separation Process) Vita III unit was placed on the reservoir of the compressor system and 3% treat rate of DECON was also added to aid in the removal of these deposits, downtime, and new oil additions.

Results

- MPC values were reduced below 5 within 4 days
- MPC values were maintained under 5 during the next few months before the oil change
- Bearing temperatures stabilized no longer threatening unexpected shutdowns
- System is varnish free

Client:	Major Petrochemical Company
Country:	Qatar (c/o Ocean Team Qatar)
Application:	Compressors
Estimated ROI:	1,513%
Solution:	DECON™ & ESP™ Vita III

