

Fluitec Case Study



Singapore | Power Generation Plant

Cost Savings

50K

Problem

Client began experiencing elevated MPC levels and high values of small particle counts. This indicated the presence of agglomerated varnish compounds which could threaten the availability of the power plant.

Solution

Fluitec's VITA™ ESP II unit was installed on the system and DECON™ was added.

Results

After installation of the VITA ESP II unit and the addition of DECON to the system, the client noticed a drop in MPC value from 21 to 3 within one month. This eliminated the need to perform a chemical flush or have any downtime associated with these flushes or challenges arising from the presence of varnish.

After one year of installation, both the MPC levels and small particle counts have remained in the normal range. The antioxidant levels have also been maintained in the normal range with no rapid depletions. This has significantly increased the oil life by at least 50%.

Client:	Power Generation Plant
Country:	Singapore
Application:	Gas Turbine
Cost Savings:	\$50,000
Solution:	DECON™ & VITA™ ESP II

