

Fluitec Case Study



Singapore | Power Generation Plant

Total Saved
\$250K

Problem

A major power plant, in operation for over five years since commissioning, observed elevated MPC levels at 29 and RULER Amine values falling below 75%. They were contemplating a decision between a comprehensive oil change for the entire system or seeking to extend oil life without compromising operational availability.

Solution

Fluitec's ESP VITA II unit was installed on the system and 3% of DECON was added.

Results

After installation of the ESP Vita II unit and the addition of DECON to the system, we saw a slight rise in the MPC values which indicated the cleaning of the system.

After 6 months, the oil is still in a stable, healthy condition with low MPC levels. The cleanliness levels have also remained within the OEM limits and there are no challenges to threaten the shutdown of the plant with unplanned downtime.

Client:	Power Generation Plant
Country:	Singapore
Application:	Gas Turbine
Cost savings:	\$250,000 USD + 4 months downtime
Solution:	DECON™ & ESP™ VITA II

