

case study

Eliminating deposits and improving reliability for a gas turbine manufacturer

fluitec.com



Problem

A leading gas turbine manufacturer detected elevated deposits in their equipment. An unplanned shutdown was not possible due to production constraints and a flush operation could not be facilitated. In addition, elevated bearing temperatures posed an operational risk.

Solution

DECON™ was added to the system at a treat rate of 5% to aid in removing the deposits and reducing the bearing temperatures.

Results

Following the addition of DECON to the system, rapid solubilization of deposits occurred within a few days, eliminating the need for a system flush. The intervention successfully averted an unplanned shutdown, prompting the subsequent application of DECON to several other systems.

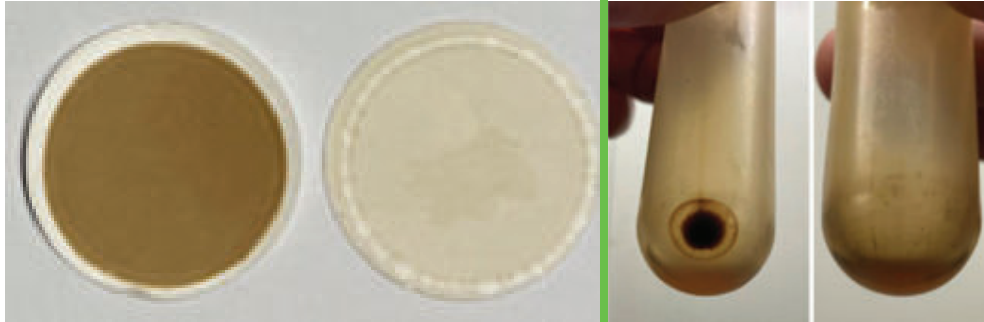
Total Saved

\$80K

Client:	Gas Turbine Manufacturer
Country:	Italy
Application:	Gas Turbine
Cost savings:	\$80,000 over 5 years
Oil savings:	4,500 liters
CO2e kg saved:	31,362 CO2e kg over 5 years
Solution:	DECON



**MPC PATCH WITHOUT DECON (LEFT)
AND AFTER DECON (RIGHT):**



**ULTRACENTRIFUGE WITHOUT DECON (LEFT)
AND AFTER DECON (RIGHT):**

