

case study

Eliminating Flushing Yields Financial Rewards for a Spanish Paper Plant

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Problem

A paper manufacturing plant in Spain detected elevated MPC values, prompting consideration for oil replacement. However, the inability to extend the shutdown for the required flushing and system cleaning posed a challenge to the operations of the facility.

Solution

DECON™ was added at a treat rate of 5% to preclean the system and remove the deposits.

Results

Introduction of DECON to the system resulted in a notable reduction in MPC levels, declining from 29.6 to 5.3. Additionally, Total Acid Number (TAN) witnessed a decrease from 0.46 to 0.25. This facilitated a streamlined shutdown process for the customer, eliminating the need for system flushing and ensuring adherence to the scheduled timeframe within a limited time window.

Total Saved

€80K

Client:	Major Paper Plant
Country:	Spain
Application:	Gas Turbine
Cost savings:	€80,000 over 5 years
Oil savings:	1500 liters
CO2e kg saved:	28,025 CO2e kg over 5 years
Solution:	DECON



AFTER DECON (MPC 5.3)



BEFORE DECON (MPC 29.6)

