

PREDEST EC TECHNOLOGY



*Electrocoagulation Treatment Systems for Metal
Polishing Wastewater*

PROJECT INTRODUCTION

The client is one of the largest auto parts and tech manufacturers in the world. The project goals were to reduce the environmental footprint of one of their factories by cutting down wastewater discharge. Our PREDEST EC is currently treating the wastewater discarded from their main production line and successfully removing pollutants from the industrial effluent.

WASTEWATER SOURCES

- Wastewater comes from the factory metal parts manufacturing processes, mostly from metal polishing.

YASA ET SOLUTION

- PREDEST Electrocoagulation Equipment.

TREATMENT RESULTS

+79%

Water recovered from the industrial effluent and discharged in the city sewers system

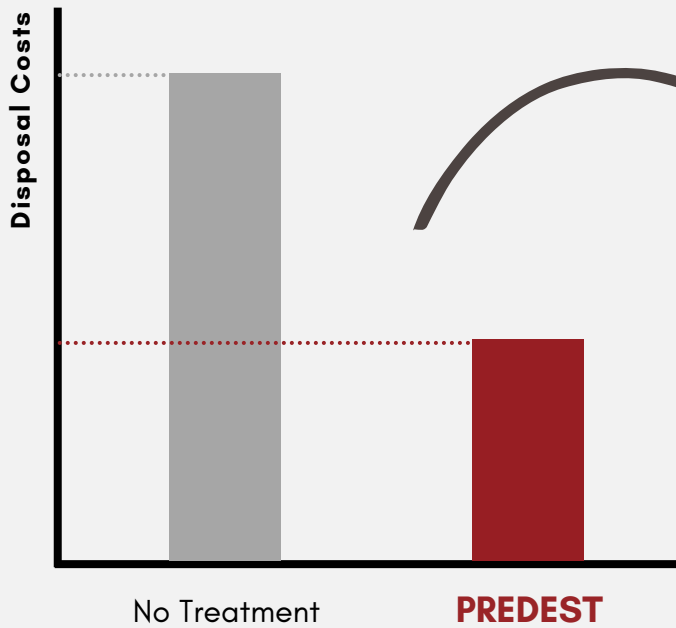
Contaminants and pollutants reduced from the feed wastewater
(measured as COD)

-86%

-59%

Wastewater disposal costs were significantly reduced, as well as the factory footprint on the environment

ELECTROCOAGULATION BENEFITS



DISPOSAL COSTS **-59%**

CHEMICALS **NONE**

POLLUTANTS REMOVED **-86%**



Automated Technology

The patented technology runs the automatic operations and equipment self cleaning 24/7.

Highly Pure Distillate

EVADEST vacuum evaporators produces high quality distillate from any kind of wastewater or sludge.

Energy Saving Tech

The vacuum technology reduces the wastewater boiling point and the MVR design cuts the energy consumption by 60%.