



Innovative Technologies Worldwide

**Operating a fouled process unit?
What is it costing you?**

**ITW Patented Technology restores unit
performance in 24 hours!!!**

- Maximize feed rate
- Maximize process yields
- Maximize energy efficiency
- Maximize unit run-length
- Maximize plant SAFETY PERFORMANCE
- Maximize plant ENVIRONMENTAL PERFORMANCE

***ITW Online Cleaning Technology
Improves Operational Excellence***

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ITW Online Cleaning Technology, applied proactively during a run, restores unit performance to near start of run conditions in as low as 24 hours oil-to-oil without the need for opening equipment. By utilizing ITW's patented asphaltene stabilization and/or polymer modification technologies, even the most severe fouling problems can be effectively handled.

ITW Online Cleaning has an immediate return on investment (ROI). All the benefits are immediately monetized in terms of:

- Improved throughput
- Improved energy efficiency
- Improved product quality
- Reduced emissions
- Reduced operational costs

Regular application of ITW Technology will target an increased run length under **clean conditions**, with a far higher ROI.

ITW Technologies is happy to schedule an on-site visit to better explain application of our technology and share case studies of amazing results that have been achieved.

Serving the Refining and Petrochemical Industry Worldwide...

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