



Recirculation Technologies, LLC

- **ONE TEAM.**
- **ONE FOCUS.**
- **YOUR SUCCESS!**

Your Full Service Resource For IX Resin Improvement

Sugar Industry Resin Restoration Opportunity

Situation

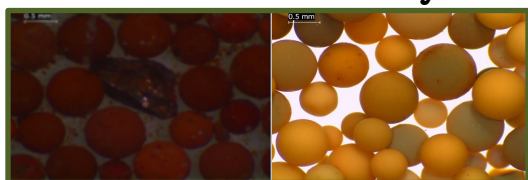
Sugar processing relies on resins to remove organics, and regular regenerations of those resins are expensive. Recirculation Technologies (RTI) has successfully cleaned decolorizing and deashing resin in sugar refineries for several years. Why is this important? By cleaning the resin, refineries can save operating costs and experience higher average sugar processing performance over time.

Even more important, in the current environment where replacement resin lead times are very long, current resin will need to work beyond its normal effective lifespan. Performance can be maintained during this 'hold over' time by cleaning the resin, maintaining normal production until the long lead time new resin arrives.

How Does This Service Work?

RTI sugar resin cleaning is an on-site process utilizing a fleet of mobile cleaning tractor trailers, equipped with cleaning vessels and testing capability, and operated by an experienced two man crew. There is no plant disruption, and normal daily operations can continue. The patented chemical mixture used in the cleaning process is delivered separately to your facility to coincide with the arrival of the mobile unit.

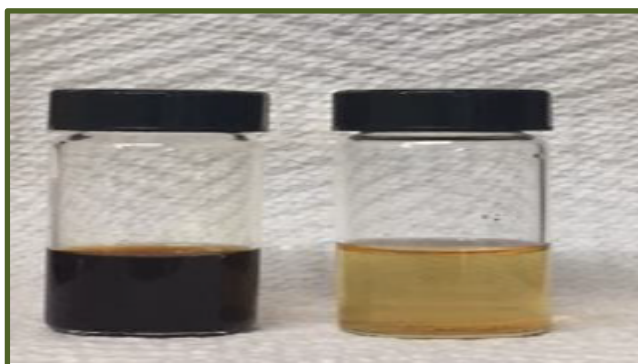
Decolorized Resin Analysis



Before Cleaning

After Cleaning

Decolorized Resin Cleaning



Benefits of an RTI Cleaning

This cleaning process will make it easier and more convenient for sugar refineries to maintain their resin with RTI on a regular basis without any disruption to either their day-to-day operation or any risk to the rest of the main plant operation.

Benefits include:

- **Better average resin performance over time**
- **Operating savings from fewer regenerations**
- **Lower operational risk from disruptions**
- **Ability to 'hold over' current resin until replacement resin is delivered**
- **Opportunity to conduct vessel maintenance**
- **Deferral of expensive future resin purchases**

How To Get Started

- Resin samples collected and analyzed by RTI at no cost to you
- Data generated specific to your refinery & needs
- Together with you, RTI examines the whole range of water system issues impacting you
- RTI prepares a clear improvement plan, including cleaning, **ready for swift action.**

ReStore.....Don't Replace!

Reduce Water Risk

Improve Water Quality

Cut Operating Costs

Call or Contact RTI at (215) 682-7099

www.rtiservices.com

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