



Quench Oil Reclamation

Process Details

1 Segregate Used Quench Oil Streams and Store for Processing

2 Reclaim Oil to Customer Specification

- First and Second Stage Filtration
- Centrifugal Dehydration
- Vacuum Dehydration
- Polishing Filtration
- On-site Analysis

3 Document Results and Certify Oil for Re-Use

- Guaranteed to Meet Your Oil Cleanliness Specifications

Quench oils are sensitive to water and sediment contamination and the degradation that can result. Water should be minimized to prevent foaming, irregular cooling rates, and potential flash fires. In addition, sediment levels should be controlled to help eliminate deposits on quenched parts, and unacceptable metallurgical results.

This service starts with the establishment of proper used oil collection and segregation guidelines. The used fluid is then reclaimed on-site and carefully assessed for continued use in your heat-treating operation.

On-site Inspection Provided by Reclamation Experts

COT-PURITECH™ engineers work with plant personnel to:

- Identify goals for equipment and oil system performance improvements that help meet your specific business initiatives
- Recommend segregation, collection, and handling methods for used quench oil streams
- Establish guidelines for measuring the fluid's suitability for continued use
- Document the value added as a result of this service

COT-PURITECH's™ technicians arrive on-site to:

- Complete the purification process and verify that fluid specifications are met or exceeded
- Gather related performance data for inclusion in Service Summary Report
- Provide a Service Summary Report that details the steps completed and any additional recommendations for ensuring long-term performance

Bottom Line Benefits

- Revenue improvement through improved quenching resulting in quality parts
- Reduction in new quench oil purchases
- Minimization of waste oil and disposal-related expenses

Environmental Health and Safety

COT-PURITECH™ routinely reviews EPA and safety regulations, including the latest updates as they apply to your specific operations. In addition, **COT-PURITECH™** carries extensive liability insurance.

Contact a **COT-PURITECH™** representative at 888-478-6996

