



Varnish Removal Flushing Services

Process Details

1 Develop Detailed Flush Plan

- Select Proper Flush Oil
- Specify System Cleaners
- Determine Successful Flush Acceptance Criteria

2 Set-Up Equipment and Complete Flush

- Review System Requirements
- Verify Flush Paths and Jumper Installation
- Set-up High Velocity Flush Equipment

3 Document Test Results

- On-Site Analytical Equipment to Verify System Cleanliness
- Inspect Flush Screens

4 Complete Service Summary Report

- Prepare a Complete Project Summary Report Documenting a Successful Flush

The presence of varnish and/or carbon buildup in your lubrication system can severely compromise equipment reliability. This is especially true for large, complex equipment like stationary engines, gas or steam turbines, paper machines, and compressors. When identified, you should flush and filter your associated lube system to remove the varnish and carbon contamination.

Fortunately, the flushing experts at **COT-PURITECH™** can help. To correct this problem we offer Varnish Removal Flush of the lubricant circulation system following recommendations from us, your OEM, or your lubricant supplier.

On-site Inspection Provided by Lubrication Experts

Knowledgeable **COT-PURITECH™** staff work with plant personnel to:

- Develop flushing plans and time-lines to meet your outage, turnaround, and production schedules
- Establish successful flush completion criteria
- Monitor system improvements as a result of this service and document the return on investment for plant management

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

- Complete the varnish flushing of the system, piping, and related elements (see Process Details, on the left)
- Gather key baseline and related performance data for inclusion in documentation
- Provide a Service Summary that details the steps completed and supports any additional engineering recommendations for ensuring availability, such as establishing routine **Oil System Preventive Maintenance**

Bottom Line Benefits

- Revenue improvement through reductions in unscheduled downtime and increases in product quality
- Reduction in component and lubricant-related expenses
- Increased availability of manpower due to lower maintenance repair
- Improved equipment reliability and more effective maintenance control

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

