

FUEL OIL FILTRATION SERVICES

Process Details

Step 1:

Determine OEM Specifications for Fuel Cleanliness

Step 2:

On-site assessment of current Fuel Distribution

- a. Fuel analysis for cleanliness, water and bacteria
- b. Core samples of main storage tanks

Step 3:

Develop Comprehensive Blueprint

- a. Recommended actions based on test results may include
 - i. Purification of current fuel to remove solids and water
 - ii. Treatment of bacteria
 - iii. Storage tank preventive maintenance to remove accumulated contamination
- b. Initial Fill from delivery vehicle to storage tank
- c. Distribution from storage tank to Mobile Fuel Trucks
- d. Distribution from Mobile Fuel Trucks to point of use

Step 4:

Perform analysis and document Fuel Cleanliness

** Option for permanent installation of field equipment

In order to meet new air emission regulations, OEM's have redesigned injector systems that require cleaner fuel to operate. Utilizing unfiltered fuel can lead to injector failers resulting in poor performance, unplanned downtime, exceeding emission standards and high repair costs.

To make sure your equipment operates at peak performance, the filtration experts at COT-PURITECH can provide a comprehensive analysis of your fuel distribution - from transport delivery to use. We will investigate the current condition of the fuel in the storage tanks and recommend corrective action if required. We will develop a comprehensive filtration blueprint for fuel distribution throughout your facility that continuously meets or exceeds OEM requirements. As a result, you can operate your equipment with confidence.

On-site Inspection Provided by Filtration Experts

Knowledgeable COT-PURITECH staff work with plant personnel to:

- *Recommend the best filtration for your application and establish fuel cleanliness specifications based on OEM recommendations
- *Present and distribute completed documentation to site management

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

- *Perform corrective action to current fuel/storage tanks if required
- *Coordinate installation of filtration units at various points throughout the fuel distribution system
- *Gather key baseline data for documentation
- *Provide Service Summary that details the steps completed and any additional recommendations in ensuring long-term performance

COT-PURITECH Filters provide these benefits:

- *Continuously meet emission standards in properly maintained diesel equipment
- *Reduction in OEM filter usage and related costs
- *Reduction in repair expenses due to reduced wear and longer component life
- *Increased availability of manpower due to improved maintenance repair cycles
- *Optimized equipment reliability

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.

