



Title: Lead Engineer – Testing Services

Job #: 1201009

Location: Bloomington, MN

Description:

This Lead Engineer position will supervise a group of technicians in a hydraulic liquid testing services area. You would be responsible for the following:

- Have working knowledge to conduct performance tests on liquid filters using established standardized format in order to identify performance ratings of such products.
- Manage and train technicians in the use of the Multipass test benches, Bottle Particle Counter and analytical test labs
- Oversee maintenance of the Multipass testing equipment and insure test facility is in a state of good repair and equipment is calibrated at all times to ensure accurate and efficient testing
- Maintain records of tests and test reports
- Insure the availability of consumables - assign technicians to maintain supplies
- Upgrade test equipment when dictated by the development of new technology or deemed as necessary
- Conduct specialized testing on product parts as may be required to complete the overall analysis of liquid filters and components
- Conduct visual analysis of returned field filter samples and use knowledge of hydraulic equipment components to enable determination of failure mode(s)
- Conduct microscopic analysis of returned filters - identification of contaminants with photographic documentation
- Conduct particle count and size distribution analysis of oil samples to determine ISO Code cleanliness level
- Provide NIST Traceable calibration of Liquid Lab Particle Counters
- Analyze test contaminant and work with vendors to maintain consistent ISO Medium contaminant supply for Donaldson Global Multipass test use
- Maintain knowledge of Liquid Lab related NFPA, ISO and SAE test procedure documents
- Maintain memberships and participate in international test procedure development committees
- Schedule technicians for 3 High Flow Multipass bench shifts and 2 Low Flow Multipass bench shifts
- Monitor Lab Safety practices and maintain Lab Safety records as required by Donaldson, Lab Safety Committee and Environmental, Health and Safety dept - transfer to technician

Requirements:

- Bachelor's degree in chemical engineering, chemistry, materials, mechanics, or fluid dynamics.
- Min 3 year professional experience in technical services or related application areas
- Proficient computer skills in Excel, Word, PowerPoint and Outlook
- Ability to communicate clearly to internal customers and team
- Demonstrated mechanical aptitude
- Ability to read and interpret engineering drawings
- Ability to readily adapt to changing priorities
- Fluid power (hydraulic/fuel) experience highly desirable
- Ability to recognize and anticipate problem areas desirable
- Lab management experience desirable

To apply:

Please visit our careers web site at: www.donaldson.com/careers and reference Job #1201009.

If you have any questions please contact: Tracie Randolph, Sr. Recruiter – Tracie.Randolph@Donaldson.com