



Tamper Mechanic

Reports to: Manager- Rail Equipment

Job Overview: The Tamper Mechanic will primarily work on the company's rail equipment, specifically the small fleet of tampers.

Responsibilities and Duties:

- Experience in troubleshooting/repair of complex Hydraulic systems.
- Ability to take pressure/flow rate readings and determine if they fall within parameters of situation at hand.
- Understanding of open center and closed hydraulic systems.
- Capable of setting up hydraulic pumps to fall within manufacturer specs.
- Ability to communicate with multiple manufacturers in order to receive technical support.
- Capable of reading hydraulic schematics.
- Good understanding of electric over hydraulic solenoid valves.
- Experience in electrical troubleshooting.
- Understanding that one machine has multiple variable voltage systems on board.
- Experience in troubleshooting 12vDc/24vDc/120vAc.
- Capable of reading electrical schematics.
- Ability to understand a piece of equipment that performs multiple functions in sequence through onboard computer system.
- Experience troubleshooting multiple eras of electrical technology.
- Understanding of a CAN bus system.
- Capable of researching part numbers and quoting/ordering accordingly
- Ability to communicate with machine operator in order to troubleshoot issues

- Willing to make field repairs at various railroad locations.
- Willing to perform general maintenance and service in the field.
- Capable of performing general maintenance/service on diesel engines, Funk drive transmissions, Clark transmissions, etc.
- Experience troubleshooting John Deere, Cummins and Detroit engines.
- Ability to learn how a particular machine is to perform in order to catch a small issue prior to becoming a big problem.
- Good understanding/experience in general air brake systems and pneumatics.
- Ability to make quality welding repairs in the field/shop utilizing both Mig and Stick welding skills.
- Capable of fabricating custom parts if necessary.
- Understanding of the welding procedures on each machine and take preventative steps accordingly so the electronics on board are not damaged.
- Understanding of proper equipment lock out procedures in order to perform tasks safely.
- Other duties as assigned.

Qualifications

- Experience with the maintenance and repairs of fleet vehicles as well as other various and heavy equipment.
- Superior knowledge and understanding of various parts, components and systems that comprise various types of equipment.
- Ability to follow written and verbal instructions.
- Superior organizational and communication skills.
- Open-mindedness to rapid change and discussion of various ways to execute projects.
- Manage multiple tasks/projects, close attention to detail and adapt to a fast-paced and ever-changing workload.
- Ability to work in all kinds of weather conditions.
- Ability to sit, stand, kneel, climb and/or bend for long periods of time.
- Ability to work in various locations on various shifts from day-to-day.
- Willingness to be on-call when and where necessary.
- Exposure to chemicals, noise, dust and heights.
- Must be at least 18 years of age or older.
- Positive attitude.
- Valid Driver's License.

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