



MAINTENANCE & INSPECTION LOG

DAILY • MONTHLY • QUARTERLY • ANNUAL



(641) 923-3741 • (800) 321-3741
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PN 110711 01/28/2025

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Tire Truck Inspection Log

This log is for recording daily, monthly, quarterly, and annual inspections. Each inspection should be marked with a “check” for passing or an “x” for failure requiring a corrective action. At the end of this log, you will find a series of pages intended to document all the items that required corrective action. Note: Please refer to the corresponding Owner’s Manuals for additional information regarding the service of this equipment.

Body Serial:

Crane Serial:

Air Compressor Serial:

For Technical Questions, Information, Parts, or Warranty, Call Toll-Free at
800-321-3741

Hours: Monday - Friday, 8:00 a.m. - 5:00 p.m. CST

Or email at the following addresses:

Technical Questions, and Information:

service@stellarindustries.com

Order Parts:

parts@stellarindustries.com

Warranty Information:

warranty@stellarindustries.com

Tire Truck Inspection Log

Daily and monthly inspections are to be performed by a “designated” person, who has been selected by the employer or the employer’s representative as being competent to perform specific duties.

Quarterly and annual inspections are to be performed by a “qualified” person who, by possession of a recognized degree in an applicable field or certificate of professional standing, or who, by extensive knowledge, training and experience has successfully demonstrated the ability to solve or resolve problems related to the subject matter and work.

One hour of normal crane operation assumes 20 complete cycles per hour. If operation exceeds 20 cycles per hour, inspection frequency should be increased accordingly.

Consult the corresponding Owner’s Manual for additional inspection items.

Before inspecting and operating the crane, make certain that the crane is set up away from power lines and leveled with stabilizers fully extended.

Daily: Before each day of operation, those items on the Daily Inspection sheet must be inspected and recorded.

Monthly: Monthly inspections or 100 hours of normal operation (which ever comes first) includes all daily and monthly inspection items plus items designated on the Monthly Inspection sheet. This inspection must be recorded.

Quarterly: Every three months or 300 hours of normal operation (which ever comes first) includes all daily and monthly inspection items plus items designated on the Quarterly Inspection sheet. This inspection must be recorded.

Annual: Each year or 1200 hours of normal operation (which ever comes first) includes all items on this form which encompasses daily, monthly, and quarterly inspections plus those items designated on the Annual Inspection sheet. This inspection must be recorded.

Daily Tire Truck Inspection Part 1 of 2

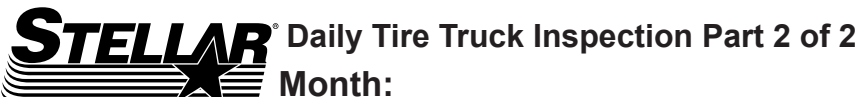
Month: _____

Year:

 Pass

✗ Fail

[illegible]



Month:

Year:

☒ Fail

[illegible]



Monthly Tire Truck Inspection Part 1 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| Tire Crane | Pass/Fail |
|--|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Control valve for leaks at fittings and between sections | |
| Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings | |
| Bent, broken or significantly rusted/corroded parts | |
| Electrical systems for presence of dirt, moisture & frayed wires | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |

| Tire Crane | Pass/Fail |
|---|-----------|
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Load hook for abnormal throat distance, twist, wear & cracks | |
| Presence of operator's manuals with the unit | |
| Tire wear and air pressure | |
| Working backup alarm | |
| Fire extinguisher at cab or machinery housing | |
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in main rotation gear box. Inspect pinion gear for any damage or broken teeth | |



Monthly Tire Truck Inspection Part 2 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| TireMan | Pass/Fail |
|---|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Bent, broken or significantly rusted/corroded parts | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Presence of operator's manuals with the unit | |

| TireMan | Pass/Fail |
|---|-----------|
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in body rotation gear box. Inspect pinion gear for any damage or broken teeth | |
| Body | Pass/Fail |
| All daily inspections | |
| Air Compressors | Pass/Fail |
| All daily inspections | |

Daily Tire Truck Inspection Part 1 of 2

Month: _____

Year:

 Pass

✗ Fail

[illegible]

Daily Tire Truck Inspection Part 2 of 2

Month:

Year:

☒ Pass

☒ Fail

[illegible]



Monthly Tire Truck Inspection Part 1 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| Tire Crane | Pass/Fail |
|--|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Control valve for leaks at fittings and between sections | |
| Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings | |
| Bent, broken or significantly rusted/corroded parts | |
| Electrical systems for presence of dirt, moisture & frayed wires | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |

| Tire Crane | Pass/Fail |
|---|-----------|
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Load hook for abnormal throat distance, twist, wear & cracks | |
| Presence of operator's manuals with the unit | |
| Tire wear and air pressure | |
| Working backup alarm | |
| Fire extinguisher at cab or machinery housing | |
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in main rotation gear box. Inspect pinion gear for any damage or broken teeth | |



Monthly Tire Truck Inspection Part 2 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| TireMan | Pass/Fail |
|---|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Bent, broken or significantly rusted/corroded parts | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Presence of operator's manuals with the unit | |

| TireMan | Pass/Fail |
|---|-----------|
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in body rotation gear box. Inspect pinion gear for any damage or broken teeth | |
| Body | Pass/Fail |
| All daily inspections | |
| Air Compressors | Pass/Fail |
| All daily inspections | |

Daily Tire Truck Inspection Part 1 of 2

Month: _____

Year:

☒ Pass

✗ Fail

[illegible]

Daily Tire Truck Inspection Part 2 of 2

Month: _____

Year:

☒ Pass

✗ Fail

[illegible]



Monthly Tire Truck Inspection Part 1 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| Tire Crane | Pass/Fail |
|--|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Control valve for leaks at fittings and between sections | |
| Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings | |
| Bent, broken or significantly rusted/corroded parts | |
| Electrical systems for presence of dirt, moisture & frayed wires | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |

| Tire Crane | Pass/Fail |
|---|-----------|
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Load hook for abnormal throat distance, twist, wear & cracks | |
| Presence of operator's manuals with the unit | |
| Tire wear and air pressure | |
| Working backup alarm | |
| Fire extinguisher at cab or machinery housing | |
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in main rotation gear box. Inspect pinion gear for any damage or broken teeth | |



Monthly Tire Truck Inspection Part 2 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| TireMan | Pass/Fail |
|---|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Bent, broken or significantly rusted/corroded parts | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Presence of operator's manuals with the unit | |

| TireMan | Pass/Fail |
|---|-----------|
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in body rotation gear box. Inspect pinion gear for any damage or broken teeth | |
| Body | Pass/Fail |
| All daily inspections | |
| Air Compressors | Pass/Fail |
| All daily inspections | |



1st Quarterly Tire Truck Inspection Part1 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| Tire Crane | Pass/Fail |
|---|-----------|
| All daily inspections | |
| All monthly inspections | |
| Rotation bearing for proper torque of all mounting bolts | |
| Grease worm drive bearings | |
| Base mounting bolts for proper torque | |
| All structural members for deformation, cracks & corrosion | |
| Base | |
| Stabilizer beams & legs | |
| Mast | |
| Inner boom | |
| Outer boom | |
| Extension(s) | |
| Check all pins, bearings, shafts, gears, rollers & locking devices for wear, cracks, corrosion & distortion | |
| Inner boom pivot pin(s) & retainers | |
| Outer boom pivot pin(s) & retainers | |
| Inner boom cylinder pin(s) & retainers | |
| Outer boom cylinder pin(s) & retainers | |
| Extension cylinder pin(s) & retainers | |
| Boom tip attachments | |

| Tire Crane | Pass/Fail |
|---|-----------|
| Hoses, fittings & tubing for proper routing, leakage, blistering, deformation & excessive vibration | |
| Pressure lines from pump to control valve | |
| Return lines from control valve to reservoir | |
| Suction lines from reservoir to pump | |
| Pressure lines from control valve to each function | |
| Load holding valve pipes and hoses | |
| Pumps and motors for loose bolts/fasteners, leaks, noise, vibration, loss of performance, heating and excess pressure | |
| Rotation motors | |
| Check oil level in main rotation gear box. Inspect pinion gear for any damage or broken teeth | |
| Hydraulic valves for cracks, spool return to neutral, sticking spools, relief valve failure | |
| Main control valve | |
| Load holding valve | |
| Stabilizer or auxiliary control valves | |
| Hydraulic cylinders for drifting & leakage. Rods for nicks/scores/ dents. Castor damage. Case & rod ends for damage/abnormal wear | |
| Stabilizer cylinders | |
| Inner boom cylinder | |
| Outer boom cylinder | |
| Extension cylinder | |
| Hydraulic filters/oil for replacement per maintenance schedule in model manual | |



1st Quarterly Tire Truck Inspection Part 2 of 2

Month: _____

Year: _____

☒ Pass

☐ Fail

| TireMan | Pass/Fail |
|---|-----------|
| All daily inspections | |
| All monthly inspections | |
| All structural members for deformation, cracks & corrosion | |
| Main body | |
| Extensions/Arms | |
| Pads | |
| Link arm | |
| Check all pins, bearings, shafts, gears, rollers & locking devices for wear, cracks, corrosion & distortion | |
| Hoses, fittings & tubing for proper routing, leakage, blistering, deformation & excessive vibration | |
| Rotation bearing for proper torque of all mounting bolts | |
| Grease worm drive bearings | |
| Base mounting bolts for proper torque | |
| Rotation pad mounting bolts for proper torque (continuous rotation models) | |
| Hydraulic cylinders for drifting & leakage. Rods for nicks/scores/ dents. Castor damage. Case & rod ends for damage/abnormal wear | |

| Body | Pass/Fail |
|--|-----------|
| All daily inspections | |
| All monthly inspections | |
| Inspect body frame and mounts for cracks, distortion and loose hardware | |
| Inspect body panels, compartments and crane box for cracks & distortion | |
| Check for any excessive rust, corrosion or peeling paint | |
| Check for any bent or damaged doors & ensure all close properly. Check all latches and hinges for proper operation | |
| Check boom rest weldments and welds for damage, cracks or distortion | |
| Air Compressor | Pass/Fail |
| All daily inspections | |
| All monthly inspections | |
| Replace air filters | |
| Tighten all fittings & fasteners | |
| Check all electrical connections | |
| Hydraulic filters/oil for replacement per maintenance schedule in model manual | |

Daily Tire Truck Inspection Part 1 of 2

Month: _____

Year:

 Pass

✗ Fail

[illegible]

Daily Tire Truck Inspection Part 2 of 2

Month:

Year:

☒ Pass

☒ Fail

[illegible]



Monthly Tire Truck Inspection Part 1 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| Tire Crane | Pass/Fail |
|--|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Control valve for leaks at fittings and between sections | |
| Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings | |
| Bent, broken or significantly rusted/corroded parts | |
| Electrical systems for presence of dirt, moisture & frayed wires | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |

| Tire Crane | Pass/Fail |
|---|-----------|
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Load hook for abnormal throat distance, twist, wear & cracks | |
| Presence of operator's manuals with the unit | |
| Tire wear and air pressure | |
| Working backup alarm | |
| Fire extinguisher at cab or machinery housing | |
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in main rotation gear box. Inspect pinion gear for any damage or broken teeth | |



Monthly Tire Truck Inspection Part 2 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| TireMan | Pass/Fail |
|---|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Bent, broken or significantly rusted/corroded parts | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Presence of operator's manuals with the unit | |

| TireMan | Pass/Fail |
|---|-----------|
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in body rotation gear box. Inspect pinion gear for any damage or broken teeth | |
| Body | Pass/Fail |
| All daily inspections | |
| Air Compressors | Pass/Fail |
| All daily inspections | |

Daily Tire Truck Inspection Part 1 of 2

Month: _____ **Year:** _____

☒ Pass

✗ Fail

[illegible]

Daily Tire Truck Inspection Part 2 of 2

Month:

Year:

☒ Pass

✗ Fail

[illegible]



Monthly Tire Truck Inspection Part 1 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| Tire Crane | Pass/Fail |
|--|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Control valve for leaks at fittings and between sections | |
| Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings | |
| Bent, broken or significantly rusted/corroded parts | |
| Electrical systems for presence of dirt, moisture & frayed wires | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |

| Tire Crane | Pass/Fail |
|---|-----------|
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Load hook for abnormal throat distance, twist, wear & cracks | |
| Presence of operator's manuals with the unit | |
| Tire wear and air pressure | |
| Working backup alarm | |
| Fire extinguisher at cab or machinery housing | |
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in main rotation gear box. Inspect pinion gear for any damage or broken teeth | |



Monthly Tire Truck Inspection Part 2 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| TireMan | Pass/Fail |
|---|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Bent, broken or significantly rusted/corroded parts | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Presence of operator's manuals with the unit | |

| TireMan | Pass/Fail |
|---|-----------|
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in body rotation gear box. Inspect pinion gear for any damage or broken teeth | |
| Body | Pass/Fail |
| All daily inspections | |
| Air Compressors | Pass/Fail |
| All daily inspections | |

Daily Tire Truck Inspection Part 1 of 2

Month: _____

Year:

☒ Pass

✗ Fail

[illegible]

Daily Tire Truck Inspection Part 2 of 2

Month:

Year:

☒ Pass

✗ Fail

[illegible]



Monthly Tire Truck Inspection Part 1 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| Tire Crane | Pass/Fail |
|--|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Control valve for leaks at fittings and between sections | |
| Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings | |
| Bent, broken or significantly rusted/corroded parts | |
| Electrical systems for presence of dirt, moisture & frayed wires | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |

| Tire Crane | Pass/Fail |
|---|-----------|
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Load hook for abnormal throat distance, twist, wear & cracks | |
| Presence of operator's manuals with the unit | |
| Tire wear and air pressure | |
| Working backup alarm | |
| Fire extinguisher at cab or machinery housing | |
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in main rotation gear box. Inspect pinion gear for any damage or broken teeth | |



Monthly Tire Truck Inspection Part 2 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| TireMan | Pass/Fail |
|---|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Bent, broken or significantly rusted/corroded parts | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Presence of operator's manuals with the unit | |

| TireMan | Pass/Fail |
|---|-----------|
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in body rotation gear box. Inspect pinion gear for any damage or broken teeth | |
| Body | Pass/Fail |
| All daily inspections | |
| Air Compressors | Pass/Fail |
| All daily inspections | |



2nd Quarterly Tire Truck Inspection Part 1 of 2

Month: _____

Year: _____

☒ Pass

☐ Fail

| Tire Crane | Pass/Fail |
|---|-----------|
| All daily inspections | |
| All monthly inspections | |
| Rotation bearing for proper torque of all mounting bolts | |
| Grease worm drive bearings | |
| Base mounting bolts for proper torque | |
| All structural members for deformation, cracks & corrosion | |
| Base | |
| Stabilizer beams & legs | |
| Mast | |
| Inner boom | |
| Outer boom | |
| Extension(s) | |
| Check all pins, bearings, shafts, gears, rollers & locking devices for wear, cracks, corrosion & distortion | |
| Inner boom pivot pin(s) & retainers | |
| Outer boom pivot pin(s) & retainers | |
| Inner boom cylinder pin(s) & retainers | |
| Outer boom cylinder pin(s) & retainers | |
| Extension cylinder pin(s) & retainers | |
| Boom tip attachments | |

| Tire Crane | Pass/Fail |
|---|-----------|
| Hoses, fittings & tubing for proper routing, leakage, blistering, deformation & excessive vibration | |
| Pressure lines from pump to control valve | |
| Return lines from control valve to reservoir | |
| Suction lines from reservoir to pump | |
| Pressure lines from control valve to each function | |
| Load holding valve pipes and hoses | |
| Pumps and motors for loose bolts/fasteners, leaks, noise, vibration, loss of performance, heating and excess pressure | |
| Rotation motors | |
| Check oil level in main rotation gear box. Inspect pinion gear for any damage or broken teeth | |
| Hydraulic valves for cracks, spool return to neutral, sticking spools, relief valve failure | |
| Main control valve | |
| Load holding valve | |
| Stabilizer or auxiliary control valves | |
| Hydraulic cylinders for drifting & leakage. Rods for nicks/scores/ dents. Castor damage. Case & rod ends for damage/abnormal wear | |
| Stabilizer cylinders | |
| Inner boom cylinder | |
| Outer boom cylinder | |
| Extension cylinder | |
| Hydraulic filters/oil for replacement per maintenance schedule in model manual | |



2nd Quarterly Tire Truck Inspection Part 2 of 2

Month: _____

Year: _____

☒ Pass

☐ Fail

| TireMan | Pass/Fail |
|---|-----------|
| All daily inspections | |
| All monthly inspections | |
| All structural members for deformation, cracks & corrosion | |
| Main body | |
| Extensions/Arms | |
| Pads | |
| Link arm | |
| Check all pins, bearings, shafts, gears, rollers & locking devices for wear, cracks, corrosion & distortion | |
| Hoses, fittings & tubing for proper routing, leakage, blistering, deformation & excessive vibration | |
| Rotation bearing for proper torque of all mounting bolts | |
| Grease worm drive bearings | |
| Base mounting bolts for proper torque | |
| Rotation pad mounting bolts for proper torque (continuous rotation models) | |
| Hydraulic cylinders for drifting & leakage. Rods for nicks/scores/ dents. Castor damage. Case & rod ends for damage/abnormal wear | |

| Body | Pass/Fail |
|--|-----------|
| All daily inspections | |
| All monthly inspections | |
| Inspect body frame and mounts for cracks, distortion and loose hardware | |
| Inspect body panels, compartments and crane box for cracks & distortion | |
| Check for any excessive rust, corrosion or peeling paint | |
| Check for any bent or damaged doors & ensure all close properly. Check all latches and hinges for proper operation | |
| Check boom rest weldments and welds for damage, cracks or distortion | |
| Air Compressor | Pass/Fail |
| All daily inspections | |
| All monthly inspections | |
| Replace air filters | |
| Tighten all fittings & fasteners | |
| Check all electrical connections | |
| Hydraulic filters/oil for replacement per maintenance schedule in model manual | |

Daily Tire Truck Inspection Part 1 of 2

Month: _____

Year:

 Pass

✗ Fail

[illegible]

Daily Tire Truck Inspection Part 2 of 2

Month:

Year:

☒ Pass

☒ Fail

[illegible]



Monthly Tire Truck Inspection Part 1 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| Tire Crane | Pass/Fail |
|--|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Control valve for leaks at fittings and between sections | |
| Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings | |
| Bent, broken or significantly rusted/corroded parts | |
| Electrical systems for presence of dirt, moisture & frayed wires | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |

| Tire Crane | Pass/Fail |
|---|-----------|
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Load hook for abnormal throat distance, twist, wear & cracks | |
| Presence of operator's manuals with the unit | |
| Tire wear and air pressure | |
| Working backup alarm | |
| Fire extinguisher at cab or machinery housing | |
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in main rotation gear box. Inspect pinion gear for any damage or broken teeth | |



Monthly Tire Truck Inspection Part 2 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| TireMan | Pass/Fail |
|---|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Bent, broken or significantly rusted/corroded parts | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Presence of operator's manuals with the unit | |

| TireMan | Pass/Fail |
|---|-----------|
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in body rotation gear box. Inspect pinion gear for any damage or broken teeth | |
| Body | Pass/Fail |
| All daily inspections | |
| Air Compressors | Pass/Fail |
| All daily inspections | |

Daily Tire Truck Inspection Part 1 of 2

Month:

Year:

☒ Pass

✗ Fail

[illegible]



☒ Fail

[illegible]



Monthly Tire Truck Inspection Part 1 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| Tire Crane | Pass/Fail |
|--|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Control valve for leaks at fittings and between sections | |
| Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings | |
| Bent, broken or significantly rusted/corroded parts | |
| Electrical systems for presence of dirt, moisture & frayed wires | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |

| Tire Crane | Pass/Fail |
|---|-----------|
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Load hook for abnormal throat distance, twist, wear & cracks | |
| Presence of operator's manuals with the unit | |
| Tire wear and air pressure | |
| Working backup alarm | |
| Fire extinguisher at cab or machinery housing | |
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in main rotation gear box. Inspect pinion gear for any damage or broken teeth | |



Monthly Tire Truck Inspection Part 2 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| TireMan | Pass/Fail |
|---|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Bent, broken or significantly rusted/corroded parts | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Presence of operator's manuals with the unit | |

| TireMan | Pass/Fail |
|---|-----------|
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in body rotation gear box. Inspect pinion gear for any damage or broken teeth | |
| Body | Pass/Fail |
| All daily inspections | |
| Air Compressors | Pass/Fail |
| All daily inspections | |

Daily Tire Truck Inspection Part 1 of 2

Month:

Year:

 Pass

✖ Fail

[illegible]

Daily Tire Truck Inspection Part 2 of 2

Month: _____

Year:

☒ Pass

✗ Fail

[illegible]



Monthly Tire Truck Inspection Part 1 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| Tire Crane | Pass/Fail |
|--|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Control valve for leaks at fittings and between sections | |
| Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings | |
| Bent, broken or significantly rusted/corroded parts | |
| Electrical systems for presence of dirt, moisture & frayed wires | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |

| Tire Crane | Pass/Fail |
|---|-----------|
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Load hook for abnormal throat distance, twist, wear & cracks | |
| Presence of operator's manuals with the unit | |
| Tire wear and air pressure | |
| Working backup alarm | |
| Fire extinguisher at cab or machinery housing | |
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in main rotation gear box. Inspect pinion gear for any damage or broken teeth | |



Monthly Tire Truck Inspection Part 2 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| TireMan | Pass/Fail |
|---|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Bent, broken or significantly rusted/corroded parts | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Presence of operator's manuals with the unit | |

| TireMan | Pass/Fail |
|---|-----------|
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in body rotation gear box. Inspect pinion gear for any damage or broken teeth | |
| Body | Pass/Fail |
| All daily inspections | |
| Air Compressors | Pass/Fail |
| All daily inspections | |



3rd Quarterly Tire Truck Inspection Part 1 of 2

Month: _____

Year: _____

☒ Pass

☒ Fail

| Tire Crane | Pass/Fail |
|---|-----------|
| All daily inspections | |
| All monthly inspections | |
| Rotation bearing for proper torque of all mounting bolts | |
| Grease worm drive bearings | |
| Base mounting bolts for proper torque | |
| All structural members for deformation, cracks & corrosion | |
| Base | |
| Stabilizer beams & legs | |
| Mast | |
| Inner boom | |
| Outer boom | |
| Extension(s) | |
| Check all pins, bearings, shafts, gears, rollers & locking devices for wear, cracks, corrosion & distortion | |
| Inner boom pivot pin(s) & retainers | |
| Outer boom pivot pin(s) & retainers | |
| Inner boom cylinder pin(s) & retainers | |
| Outer boom cylinder pin(s) & retainers | |
| Extension cylinder pin(s) & retainers | |
| Boom tip attachments | |

| Tire Crane | Pass/Fail |
|---|-----------|
| Hoses, fittings & tubing for proper routing, leakage, blistering, deformation & excessive vibration | |
| Pressure lines from pump to control valve | |
| Return lines from control valve to reservoir | |
| Suction lines from reservoir to pump | |
| Pressure lines from control valve to each function | |
| Load holding valve pipes and hoses | |
| Pumps and motors for loose bolts/fasteners, leaks, noise, vibration, loss of performance, heating and excess pressure | |
| Rotation motors | |
| Check oil level in main rotation gear box. Inspect pinion gear for any damage or broken teeth | |
| Hydraulic valves for cracks, spool return to neutral, sticking spools, relief valve failure | |
| Main control valve | |
| Load holding valve | |
| Stabilizer or auxiliary control valves | |
| Hydraulic cylinders for drifting & leakage. Rods for nicks/scores/ dents. Castor damage. Case & rod ends for damage/abnormal wear | |
| Stabilizer cylinders | |
| Inner boom cylinder | |
| Outer boom cylinder | |
| Extension cylinder | |
| Hydraulic filters/oil for replacement per maintenance schedule in model manual | |



3rd Quarterly Tire Truck Inspection Part 2 of 2

Month: _____ Year: _____

☒ Pass

☒ Fail

| TireMan | Pass/Fail |
|---|-----------|
| All daily inspections | |
| All monthly inspections | |
| All structural members for deformation, cracks & corrosion | |
| Main body | |
| Extensions/Arms | |
| Pads | |
| Link arm | |
| Check all pins, bearings, shafts, gears, rollers & locking devices for wear, cracks, corrosion & distortion | |
| Hoses, fittings & tubing for proper routing, leakage, blistering, deformation & excessive vibration | |
| Rotation bearing for proper torque of all mounting bolts | |
| Grease worm drive bearings | |
| Base mounting bolts for proper torque | |
| Rotation pad mounting bolts for proper torque (continuous rotation models) | |
| Hydraulic cylinders for drifting & leakage. Rods for nicks/scores/ dents. Castor damage. Case & rod ends for damage/abnormal wear | |

| Body | Pass/Fail |
|--|-----------|
| All daily inspections | |
| All monthly inspections | |
| Inspect body frame and mounts for cracks, distortion and loose hardware | |
| Inspect body panels, compartments and crane box for cracks & distortion | |
| Check for any excessive rust, corrosion or peeling paint | |
| Check for any bent or damaged doors & ensure all close properly. Check all latches and hinges for proper operation | |
| Check boom rest weldments and welds for damage, cracks or distortion | |
| Air Compressor | Pass/Fail |
| All daily inspections | |
| All monthly inspections | |
| Replace air filters | |
| Tighten all fittings & fasteners | |
| Check all electrical connections | |
| Hydraulic filters/oil for replacement per maintenance schedule in model manual | |

Daily Tire Truck Inspection Part 1 of 2

Month:

Year:

 Pass

✖ Fail

[illegible]



Year:

☒ Fail

[illegible]



Monthly Tire Truck Inspection Part 1 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| Tire Crane | Pass/Fail |
|--|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Control valve for leaks at fittings and between sections | |
| Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings | |
| Bent, broken or significantly rusted/corroded parts | |
| Electrical systems for presence of dirt, moisture & frayed wires | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |

| Tire Crane | Pass/Fail |
|---|-----------|
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Load hook for abnormal throat distance, twist, wear & cracks | |
| Presence of operator's manuals with the unit | |
| Tire wear and air pressure | |
| Working backup alarm | |
| Fire extinguisher at cab or machinery housing | |
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in main rotation gear box. Inspect pinion gear for any damage or broken teeth | |



Monthly Tire Truck Inspection Part 2 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| TireMan | Pass/Fail |
|---|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Bent, broken or significantly rusted/corroded parts | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Presence of operator's manuals with the unit | |

| TireMan | Pass/Fail |
|---|-----------|
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in body rotation gear box. Inspect pinion gear for any damage or broken teeth | |
| Body | Pass/Fail |
| All daily inspections | |
| Air Compressors | Pass/Fail |
| All daily inspections | |

Daily Tire Truck Inspection Part 1 of 2

Month:

Year:

☒ Pass

☒ Fail

[illegible]

Daily Tire Truck Inspection Part 2 of 2

Month: _____

Year:

☒ Pass

✗ Fail

[illegible]



Monthly Tire Truck Inspection Part 1 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| Tire Crane | Pass/Fail |
|--|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Control valve for leaks at fittings and between sections | |
| Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings | |
| Bent, broken or significantly rusted/corroded parts | |
| Electrical systems for presence of dirt, moisture & frayed wires | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |

| Tire Crane | Pass/Fail |
|---|-----------|
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Load hook for abnormal throat distance, twist, wear & cracks | |
| Presence of operator's manuals with the unit | |
| Tire wear and air pressure | |
| Working backup alarm | |
| Fire extinguisher at cab or machinery housing | |
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in main rotation gear box. Inspect pinion gear for any damage or broken teeth | |



Monthly Tire Truck Inspection Part 2 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| TireMan | Pass/Fail |
|---|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Bent, broken or significantly rusted/corroded parts | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Presence of operator's manuals with the unit | |

| TireMan | Pass/Fail |
|---|-----------|
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in body rotation gear box. Inspect pinion gear for any damage or broken teeth | |
| Body | Pass/Fail |
| All daily inspections | |
| Air Compressors | Pass/Fail |
| All daily inspections | |

Daily Tire Truck Inspection Part 1 of 2

Month:

Year:

 Pass

✗ Fail

[illegible]

Daily Tire Truck Inspection Part 2 of 2

Month: _____

Year:

☒ Pass

✗ Fail

[illegible]



Monthly Tire Truck Inspection Part 1 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| Tire Crane | Pass/Fail |
|--|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Control valve for leaks at fittings and between sections | |
| Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings | |
| Bent, broken or significantly rusted/corroded parts | |
| Electrical systems for presence of dirt, moisture & frayed wires | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |

| Tire Crane | Pass/Fail |
|---|-----------|
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Transmission/PTO for leakage, abnormal vibration & noise, alignment & mounting bolt torque | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Load hook for abnormal throat distance, twist, wear & cracks | |
| Presence of operator's manuals with the unit | |
| Tire wear and air pressure | |
| Working backup alarm | |
| Fire extinguisher at cab or machinery housing | |
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in main rotation gear box. Inspect pinion gear for any damage or broken teeth | |



Monthly Tire Truck Inspection Part 2 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| TireMan | Pass/Fail |
|---|-----------|
| All daily inspections | |
| Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case | |
| Holding valves for proper operation | |
| Bent, broken or significantly rusted/corroded parts | |
| All structural members for damage | |
| All welds for breaks & cracks | |
| All pins for proper installation & condition | |
| All bolts, fasteners & retaining rings for tightness, wear & corrosion | |
| Condition of wear pads | |
| Hydraulic pumps & motors for leakage at fittings, seals & between sections. Check tightness of mounting bolts | |
| Hoses & tubes for leakage, abrasion damage, blistering, cracking, deterioration, fitting leakage & secured properly | |
| Presence of operator's manuals with the unit | |

| TireMan | Pass/Fail |
|---|-----------|
| Grease rotation gear open gear teeth | |
| Grease all cylinder pivot points | |
| Lubricate extension booms | |
| Check oil level in body rotation gear box. Inspect pinion gear for any damage or broken teeth | |
| Body | Pass/Fail |
| All daily inspections | |
| Air Compressors | Pass/Fail |
| All daily inspections | |



4th Quarterly Tire Truck Inspection Part 1 of 2

Month: _____

Year: _____

☒ Pass

☒ Fail

| Tire Crane | Pass/Fail |
|---|-----------|
| All daily inspections | |
| All monthly inspections | |
| Rotation bearing for proper torque of all mounting bolts | |
| Grease worm drive bearings | |
| Base mounting bolts for proper torque | |
| All structural members for deformation, cracks & corrosion | |
| Base | |
| Stabilizer beams & legs | |
| Mast | |
| Inner boom | |
| Outer boom | |
| Extension(s) | |
| Check all pins, bearings, shafts, gears, rollers & locking devices for wear, cracks, corrosion & distortion | |
| Inner boom pivot pin(s) & retainers | |
| Outer boom pivot pin(s) & retainers | |
| Inner boom cylinder pin(s) & retainers | |
| Outer boom cylinder pin(s) & retainers | |
| Extension cylinder pin(s) & retainers | |
| Boom tip attachments | |

| Tire Crane | Pass/Fail |
|---|-----------|
| Hoses, fittings & tubing for proper routing, leakage, blistering, deformation & excessive vibration | |
| Pressure lines from pump to control valve | |
| Return lines from control valve to reservoir | |
| Suction lines from reservoir to pump | |
| Pressure lines from control valve to each function | |
| Load holding valve pipes and hoses | |
| Pumps and motors for loose bolts/fasteners, leaks, noise, vibration, loss of performance, heating and excess pressure | |
| Rotation motors | |
| Check oil level in main rotation gear box. Inspect pinion gear for any damage or broken teeth | |
| Hydraulic valves for cracks, spool return to neutral, sticking spools, relief valve failure | |
| Main control valve | |
| Load holding valve | |
| Stabilizer or auxiliary control valves | |
| Hydraulic cylinders for drifting & leakage. Rods for nicks/scores/ dents. Castor damage. Case & rod ends for damage/abnormal wear | |
| Stabilizer cylinders | |
| Inner boom cylinder | |
| Outer boom cylinder | |
| Extension cylinder | |
| Hydraulic filters/oil for replacement per maintenance schedule in model manual | |



4th Quarterly Tire Truck Inspection Part 2 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| TireMan | Pass/Fail |
|---|-----------|
| All daily inspections | |
| All monthly inspections | |
| All structural members for deformation, cracks & corrosion | |
| Main body | |
| Extensions/Arms | |
| Pads | |
| Link arm | |
| Check all pins, bearings, shafts, gears, rollers & locking devices for wear, cracks, corrosion & distortion | |
| Hoses, fittings & tubing for proper routing, leakage, blistering, deformation & excessive vibration | |
| Rotation bearing for proper torque of all mounting bolts | |
| Grease worm drive bearings | |
| Base mounting bolts for proper torque | |
| Rotation pad mounting bolts for proper torque (continuous rotation models) | |
| Hydraulic cylinders for drifting & leakage. Rods for nicks/scores/ dents. Castor damage. Case & rod ends for damage/abnormal wear | |

| Body | Pass/Fail |
|--|-----------|
| All daily inspections | |
| All monthly inspections | |
| Inspect body frame and mounts for cracks, distortion and loose hardware | |
| Inspect body panels, compartments and crane box for cracks & distortion | |
| Check for any excessive rust, corrosion or peeling paint | |
| Check for any bent or damaged doors & ensure all close properly. Check all latches and hinges for proper operation | |
| Check boom rest weldments and welds for damage, cracks or distortion | |
| Air Compressor | Pass/Fail |
| All daily inspections | |
| All monthly inspections | |
| Replace air filters | |
| Tighten all fittings & fasteners | |
| Check all electrical connections | |
| Hydraulic filters/oil for replacement per maintenance schedule in model manual | |



Annual Tire Truck Inspection Part 1 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| Crane | Pass/Fail |
|---|-----------|
| All daily inspections | |
| All monthly inspections | |
| All quarterly inspections | |
| Control valve calibration for correct pressures & relief valve settings | |
| Safety valve calibration for correct pressures & relief valve settings | |
| Valves for failure to maintain correct settings | |
| Rotation drive system for proper backlash clearance & abnormal wear, deformation & cracks | |
| Gear oil change in rotation drive system per maintenance schedule | |
| Check tightness of all fasteners and bolts | |
| Monthly inspection records | |
| Maintenance records | |
| Repair and modification records | |
| Hydraulic filters/oil for replacement per maintenance schedule in model manual | |

| Tireman | Pass/Fail |
|---|-----------|
| All daily inspections | |
| All monthly inspections | |
| All quarterly inspections | |
| Control valve calibration for correct pressures & relief valve settings | |
| Safety valve calibration for correct pressures & relief valve settings | |
| Valves for failure to maintain correct settings | |
| Rotation drive system for proper backlash clearance & abnormal wear, deformation & cracks | |
| Gear oil change in rotation drive system per maintenance schedule | |
| Check tightness of all fasteners and bolts | |
| Monthly inspection records | |
| Maintenance records | |
| Repair and modification records | |
| Hydraulic filters/oil for replacement per maintenance schedule in model manual | |



Annual Tire Truck Inspection Part 2 of 2

Month: _____ Year: _____

☒ Pass

☐ Fail

| Body | Pass/Fail |
|---|-----------|
| All daily inspections | |
| All monthly inspections | |
| All quarterly inspections | |
| Check tightness of all fasteners and bolts | |
| Check tightness of chassis frame to body mounting bolts | |
| Monthly inspection records | |
| Maintenance records | |
| Repair and modification records | |

| Compressor | Pass/Fail |
|--|-----------|
| All daily inspections | |
| All monthly inspections | |
| All quarterly inspections | |
| Replace coalescing/separator cartridge | |
| Hydraulic filters/oil for replacement per maintenance schedule in model manual | |
| Monthly inspection records | |
| Maintenance records | |
| Repair and modification records | |

Tire Truck Corrective Action Log

[illegible]

Tire Truck Corrective Action Log

[illegible]

Tire Truck Corrective Action Log

[illegible]