

Walinga Equipment Recommended Maintenance Schedule



| Requirement | Type | Daily | Weekly | Monthly | Quarterly | Biannually | Annually |
|------------------------------------------------------------------------------------------------------|---------------------------|-------|--------|---------|-----------|------------|----------|
| Air System | | | | | | | |
| Drain moisture from the air tanks | Visual/Physical | x | | | | | |
| Inspect for leaks in air system | Audible/Physical | x | | | | | |
| Inspect and clean gladhand seals, screens and filters | Visual/Physical | | | | x | | |
| Inspect air system hoses for wear/abrasion | Audible/Physical | | | | x | | |
| Top up air oiler | Visual/Physical | | | | | x | |
| Electrical | | | | | | | |
| Clean and inspect the truck and trailer jumper cords and plugs. Lubricate with dielectric grease. | Visual/Lubricate | | | x | | | |
| Inspect electrical system and wiring for damage | Visual | | | | | x | |
| Check the operation of all air and electrical components | Visual/Physical | | | | | x | |
| Open all electrical junction boxes, inspect for loose connections & lubricate with dielectric grease | Visual/Physical/Lubricate | | | | | x | |
| Discharge System | | | | | | | |
| Grease boom cylinder pins | Visual/Lubricate | | x | | | | |
| Grease boom pivot (raise and lower the boom to distribute the grease) | Visual/Lubricate | | x | | | | |
| Grease upper vertical bearing clamp (rotate the boom to distribute the grease) | Visual/Lubricate | | x | | | | |
| Grease lower vertical rotation (rotate the boom to distribute the grease) | Visual/Lubricate | | x | | | | |
| Grease vertical rotation pilot ring (rotate the boom to distribute the grease) | Visual/Lubricate | | x | | | | |
| Inspect and grease the trough and stuffer hanger bearings (if equipped) | Visual/Lubricate | | x | | | | |
| Inspect and grease trough auger bearings (3 pumps with grease gun) | Visual/Lubricate | | | x | | | |
| Inspect and grease stuffer auger bearings (3 pumps with grease gun) | Visual/Lubricate | | | x | | | |
| Inspect and grease vertical auger bearings (3 pumps with grease gun) | Visual/Lubricate | | | x | | | |
| Inspect and grease boom auger bearings (3 pumps with grease gun) | Visual/Lubricate | | | x | | | |
| Inspect and adjust paddle chains (if equipped) | Visual/Physical | | | | x | | |
| Disassemble and lube the splines at the hydraulic pump/ PTO (apply open gear grease) | Visual/Lubricate | | | | | x | |
| Disassemble and lube trough motor spline Insert (apply open gear grease in side and out) | Visual/Lubricate | | | | | x | |
| Disassemble and lube vertical motor spline Insert (apply open gear grease in side and out) | Visual/Lubricate | | | | | x | |
| Disassemble and lube boom motor spline Insert (apply open gear grease in side and out) | Visual/Lubricate | | | | | x | |
| Inspect and lube rotation motor gear and crown gear (remove cover and apply open gear grease) | Visual/Lubricate | | | | | x | |
| Suspension & Running Gear | | | | | | | |
| Inspect and grease tractor 5th wheel | Visual/Lubricate | | x | | | | |
| Inspect for smooth operation and lubricate landing legs | Physical/Lubricate | | | x | | | |

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|------------------------------------------------------------------------------|---------------------------|-------|--------|---------|-----------|------------|----------|
| Inspect air springs | Visual/Audible | | | x | | | |
| Inspect suspension pivot bolt connections | Visual | | | x | | | |
| Inspect kingpin plate condition and flatness | Visual | | | | x | | |
| Re-torque wheel, suspension, landing gear, kingpin plate and bogie fasteners | Visual/Physical | | | | x | | |
| Inspect suspension hanger brackets, trailing arms and axle beams | Visual | | | | x | | |
| Inspect suspension bushing tube spacers | Visual | | | | x | | |
| Inspect tri-functional bushings | Visual/Physical | | | | x | | |
| Inspect shock absorbers, mounting brackets and fasteners | Visual/Physical | | | | x | | |
| Verify ride height accuracy | Physical | | | | x | | |
| Self steer axle (if equipped) | | | | | | | |
| Inspect and grease kingpins and bushings | Visual/Physical/Lubricate | | | x | | | |
| Inspect and lubricated torpress centering mechanism | Visual/Physical/Lubricate | | | x | | | |
| Inspect and grease tie rod ends | Visual/Physical/Lubricate | | | x | | | |
| Inspect center locking chamber and mechanism | Visual/Physical | | | | x | | |
| Wheel ends | | | | | | | |
| Inspect wheel and hubcap seals for leaks | Visual | | | x | | | |
| Inspect lube level (oil only) | Visual | | | | x | | |
| Inspect lube colour (oil only) | Visual | | | | x | | |
| Inspect hub cap integrity | Visual | | | | x | | |
| Check bearings for smooth and quiet wheel rotation | Physical | | | | x | | |
| Check wheel end play | Physical | | | | | | x |
| Brakes | | | | | | | |
| Inspect and grease slack adjusters and S-cams (drum brakes) | Visual/Physical/Lubricate | | | x | | | |
| Inspect brake pad retaining bars (disk brakes) | Visual | | | | x | | |
| Inspect brake retaining springs (disc and drum brakes) | Visual | | | | x | | |
| Inspect the drum/rotor condition - cracks and wear (disc and drum brakes) | Visual/Physical | | | | x | | |
| Inspect brake lining / pad wear | Visual | | | | x | | |
| Inspect guide pin and piston boots (disc brakes) | Visual/Physical | | | | x | | |
| Inspect all seals and boots (disc and drum brakes) | Visual/Physical | | | | x | | |
| Hydraulic System | | | | | | | |
| Monitor hydraulic filter indicators - replace filters as required | Visual | x | | | | | |

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|----------------------------------------------------------------------------------------------------|------------------|-------|--------|---------|-----------|------------|----------|
| Check hydraulic oil level | Visual | x | | | | | |
| Monitor condition of hydraulic hoses (leaks, weather cracks, exposed wires etc.) | Visual | x | | | | | |
| Ensure pressure gauges are functioning properly | Visual/Physical | x | | | | | |
| Clean the radiator on the hydraulic oil heat exchanger | Visual | | x | | | | |
| Inspect and grease drive shaft U-joints (if equipped) | Visual/Lubricate | | | | x | | |
| Inspect hydraulic hoses and fittings for leaks, breakdown or abrasions | Visual | | | | x | | |
| Inspect all hydraulic components for leaks (pump, control valves, heat exchangers, cylinders, etc) | Visual | | | | x | | |
| Check that the hydraulic control levers, detents and spring returns work properly | Visual | | | | x | | |
| Verify that pump mounting brackets are secure | Visual | | | | | x | |
| Check PTO(s) for leaks | Visual | | | | | x | |
| Test hydraulic pump flow (with a flow meter) | Visual/Physical | | | | | x | |
| Check hydraulic oil cleanliness and condition | Visual | | | | | x | |
| Test the hydraulic cooler fan for proper operation | Visual/Physical | | | | | x | |
| Replace all hydraulic filters | Visual | | | | | | x |
| Replace hydraulic system oil | Visual/Physical | | | | | | x |
| Blower System (if equipped) | | | | | | | |
| Inspect and grease drive shaft U-joints | Visual/Lubricate | | x | | | | |
| Replace blower oil | Visual/Physical | | | | | x | |
| Ensure that the blower turns freely | Visual/Physical | | | | | x | |
| Inspect the drive shaft yokes and set screw tightness | Visual/Physical | | | | | x | |
| Inspect Y-valve for proper operation | Visual/Physical | | | | | x | |
| Check blower system for leaks | Visual/Physical | | | | | x | |
| Inspect pressure and vacuum relief valves open at 15psi/15inHg | Visual/Physical | | | | | x | |
| Ensure pressure gauge is functioning properly | Visual/Physical | | | | | x | |
| Inspect couplers, delivery hoses, fill pipes and cyclones | Visual/Physical | | | | | x | |
| Inspect dust collector and receiver seals | Visual/Physical | | | | | x | |
| Ensure that the airlock vent and boost lines are clear | Visual/Physical | | | | | x | |
| Check Airlock tip clearances | Visual/Physical | | | | | | x |
| Body & Frame | | | | | | | |
| Inspect all safety equipment for safe operation (handrails, safety cages, TRAM system, etc) | Visual/Physical | x | | | | | |
| Lubricate the manual crank gate bushings (inverted V gates) | Lubricate | | | x | | | |

Walinga Equipment Recommended Maintenance Schedule



| Requirement | Type | Daily | Weekly | Monthly | Quarterly | Biannually | Annually |
|-----------------------------------------------------------------------|------------------|-------|--------|---------|-----------|------------|----------|
| Verify that all safety labels are present and legible. | Visual | | | x | | | |
| Inspect/lubricate all door locks and hinges | Visual/Lubricate | | | x | | | |
| Inspect and test the air roof lids for proper operation (if equipped) | Visual | | | | x | | |
| Test and inspect the disinfectant sprayers for proper operation | Visual/Physical | | | | x | | |
| Inspect the chassis frame, the body and all dividers for cracks | Visual | | | | | x | |
| Inspect the outlet and upper table structure | Visual | | | | | x | |
| Verify that gates seal properly | Visual | | | | | x | |
| Inspect seals at chutes, clean out doors and fender boxes | Visual | | | | | x | |

Walinga Equipment Recommended Weekly Maintenance Inspection



| Requirement | Inspected /Serviced | Checked OK? | Action required? |
|---------------------------------------------------------------------------------------------|------------------------|----------------|------------------|
| Air System | | | |
| Drain moisture from the air tanks | | | |
| Inspect for leaks in air system | | | |
| Discharge System | | | |
| Grease boom cylinder pins | | | |
| Grease boom pivot (raise and lower the boom to distribute the grease) | | | |
| Grease upper vertical bearing clamp (rotate the boom to distribute the grease) | | | |
| Grease lower vertical rotation (rotate the boom to distribute the grease) | | | |
| Grease vertical rotation pilot ring (rotate the boom to distribute the grease) | | | |
| Inspect and grease the trough and stuffer hanger bearings (if equipped) | | | |
| Suspension & Running Gear | | | |
| Inspect and grease tractor 5th wheel | | | |
| Wheel ends | | | |
| Inspect wheel and hubcap seals for leaks | | | |
| Hydraulic System | | | |
| Monitor hydraulic filter indicators - replace filters as required | | | |
| Check hydraulic oil level | | | |
| Monitor condition of hydraulic hoses (leaks, weather cracks, exposed wires, etc.) | | | |
| Ensure pressure gauges are functioning properly | | | |
| Body & Frame | | | |
| Inspect all safety equipment for safe operation (handrails, safety cages, TRAM system, etc) | | | |

Walinga Equipment Recommended Monthly Maintenance Inspection



| Requirement | Inspected /Serviced | Checked OK? | Action required? |
|------------------------------------------------------------------------------------------------|---------------------|-------------|------------------|
| Air System | | | |
| Drain moisture from the air tanks | | | |
| Inspect for leaks in air system | | | |
| Electrical | | | |
| Clean & inspect the truck and trailer jumper cords and plugs. Lubricate with dielectric grease | | | |
| Discharge System | | | |
| Grease boom cylinder pins | | | |
| Grease boom pivot (raise and lower the boom to distribute the grease) | | | |
| Grease upper vertical bearing clamp (rotate the boom to distribute the grease) | | | |
| Grease lower vertical rotation (rotate the boom to distribute the grease) | | | |
| Grease vertical rotation pilot ring (rotate the boom to distribute the grease) | | | |
| Inspect and grease the trough and stuffer hanger bearings (if equipped) | | | |
| Inspect and grease trough auger bearings (3 pumps with grease gun) | | | |
| Inspect and grease stuffer auger bearings (3 pumps with grease gun) | | | |
| Inspect and grease vertical auger bearings (3 pumps with grease gun) | | | |
| Inspect and grease boom auger bearings (3 pumps with grease gun) | | | |
| Suspension & Running Gear | | | |
| Inspect and grease tractor 5th wheel | | | |
| Inspect for smooth operation and lubricate landing legs | | | |
| Inspect air springs | | | |
| Inspect pivot connections | | | |
| Self steer axle (if equipped) | | | |
| Inspect and grease kingpins and bushings | | | |
| Inspect and lubricated torpress centering mechanism | | | |
| Inspect and grease tie rod ends | | | |
| Wheel ends | | | |
| Inspect wheel and hubcap seals for leaks | | | |
| Brakes | | | |
| Inspect and grease slack adjusters and S-cams (drum brakes) | | | |
| Hydraulic System | | | |
| Monitor hydraulic filter indicators - replace filters as required | | | |
| Check hydraulic oil level | | | |
| Monitor condition of hydraulic hoses (leaks, weather cracks, exposed wires, etc.) | | | |
| Ensure pressure gauges are functioning properly | | | |
| Clean the radiator on the hydraulic oil heat exchanger | | | |
| Blower System | | | |
| Inspect and grease drive shaft U-joints | | | |
| Body & Frame | | | |
| Inspect all safety equipment for safe operation (handrails, safety cages, TRAM system, etc) | | | |
| Lubricate the manual crank gate bushings (inverted V gates) | | | |
| Verify that all safety labels are present and legible. | | | |
| Inspect/lubricate all door locks and hinges | | | |

Walinga Equipment Recommended Quarterly Maintenance Inspection



| Requirement | Inspected/ Serviced | Checked OK? | Action required? |
|--------------------------------------------------------------------------------------------|------------------------|----------------|------------------|
| Air System | | | |
| Drain moisture from the air tanks | | | |
| Inspect for leaks in air system | | | |
| Inspect gladhand seals, screens and filters | | | |
| Inspect air system hoses for wear/abrasion | | | |
| Electrical | | | |
| Clean & inspect the truck/trailer jumper cords and plugs. Lubricate with dielectric grease | | | |
| Discharge System | | | |
| Grease boom cylinder pins | | | |
| Grease boom pivot (raise and lower the boom to distribute the grease) | | | |
| Grease upper vertical bearing clamp (rotate the boom to distribute the grease) | | | |
| Grease lower vertical rotation (rotate the boom to distribute the grease) | | | |
| Grease vertical rotation pilot ring (rotate the boom to distribute the grease) | | | |
| Inspect and grease the trough and stuffer hanger bearings (if equipped) | | | |
| Inspect and grease trough auger bearings (3 pumps with grease gun) | | | |
| Inspect and grease stuffer auger bearings (3 pumps with grease gun) | | | |
| Inspect and grease vertical auger bearings (3 pumps with grease gun) | | | |
| Inspect and grease boom auger bearings (3 pumps with grease gun) | | | |
| Inspect and adjust paddle chains (if equipped) | | | |
| Suspension & Running Gear | | | |
| Inspect and grease tractor 5th wheel | | | |
| Inspect for smooth operation and lubricate landing legs | | | |
| Inspect air springs | | | |
| Inspect pivot connections | | | |
| Inspect kingpin plate condition and flatness | | | |
| Re-torque wheel, suspension, landing gear, kingpin plate and bogie fasteners | | | |
| Inspect suspension hanger brackets, trailing arms and axle beams | | | |
| Inspect suspension bushing tube spacers | | | |
| Inspect tri-functional bushings | | | |
| Inspect shock absorbers, mounting brackets and fasteners | | | |
| Verify ride height accuracy | | | |
| Self steer axle (if equipped) | | | |
| Inspect and grease kingpins and bushings | | | |
| Inspect and lubricated torpress centering mechanism | | | |
| Inspect and grease tie rod ends | | | |
| Inspect center locking chamber and mechanism | | | |
| Wheel ends | | | |
| Inspect wheel and hubcap seals for leaks | | | |
| Inspect lube level (oil only) | | | |
| Inspect lube colour (oil only) | | | |
| Inspect hub cap for damage | | | |
| Check bearings for smooth and quiet wheel rotation | | | |
| Brakes | | | |
| Inspect and grease slack adjusters and S-cams (drum brakes) | | | |

Walinga Equipment Recommended Quarterly Maintenance Inspection



| Requirement | Inspected/ Serviced | Checked OK? | Action required? |
|---------------------------------------------------------------------------------------------|------------------------|----------------|------------------|
| Inspect brake pad retaining bars (disk brakes) | | | |
| Inspect brake retaining springs (disc and drum brakes) | | | |
| Inspect the drum/rotor condition - cracks and wear (disc and drum brakes) | | | |
| Inspect brake lining / pad wear | | | |
| Inspect guide pin and piston boots (disc brakes) | | | |
| Inspect all seals and boots (disc and drum brakes) | | | |
| Hydraulic System | | | |
| Monitor hydraulic filter indicators - replace filters as required | | | |
| Check hydraulic oil level | | | |
| Monitor condition of hydraulic hoses (leaks, weather cracks, exposed wires etc.) | | | |
| Ensure pressure gauges are functioning properly | | | |
| Clean the radiator on the hydraulic oil heat exchanger | | | |
| Inspect and grease drive shaft U-joints (if equipped) | | | |
| Inspect hydraulic hoses and fittings for leaks, breakdown or abrasions | | | |
| Inspect all hydraulic components for leaks (pump, controls heat exchangers, cylinders, etc) | | | |
| Check that the hydraulic control levers, detents and spring returns work properly | | | |
| Blower System | | | |
| Inspect and grease drive shaft U-joints | | | |
| Body & Frame | | | |
| Inspect all safety equipment for safe operation (handrails, safety cages, TRAM system, etc) | | | |
| Lubricate the manual crank gate bushings (inverted V gates) | | | |
| Verify that all safety labels are present and legible. | | | |
| Inspect/lubricate all door locks and hinges | | | |
| Inspect and test the air roof lids for proper operation (if equipped) | | | |
| Test and inspect the disinfectant sprayers for proper operation | | | |

Walinga Equipment

Recommended Bi-annual Maintenance Inspection



| Requirement | Inspected /Serviced | Checked OK? | Action required? |
|------------------------------------------------------------------------------------------------------|---------------------|-------------|------------------|
| Air System | | | |
| Drain moisture from the air tanks | | | |
| Inspect for leaks in air system | | | |
| Inspect gladhand seals, screens and filters | | | |
| Inspect air system hoses for wear/abrasion | | | |
| Top up air oiler | | | |
| Electrical | | | |
| Clean & inspect the truck and trailer jumper cords and plugs. Lubricate with dielectric grease. | | | |
| Inspect electrical system and wiring for damage | | | |
| Check the operation of all air and electrical components | | | |
| Open all electrical junction boxes, inspect for loose connections & lubricate with dielectric grease | | | |
| Discharge System | | | |
| Grease boom cylinder pins | | | |
| Grease boom pivot (raise and lower the boom to distribute the grease) | | | |
| Grease upper vertical bearing clamp (rotate the boom to distribute the grease) | | | |
| Grease lower vertical rotation (rotate the boom to distribute the grease) | | | |
| Grease vertical rotation pilot ring (rotate the boom to distribute the grease) | | | |
| Inspect and grease the trough and stuffer hanger bearings (if equipped) | | | |
| Inspect and grease trough auger bearings (3 pumps with grease gun) | | | |
| Inspect and grease stuffer auger bearings (3 pumps with grease gun) | | | |
| Inspect and grease vertical auger bearings (3 pumps with grease gun) | | | |
| Inspect and grease boom auger bearings (3 pumps with grease gun) | | | |
| Inspect and adjust paddle chains (if equipped) | | | |
| Disassemble and lube the splines at the hydraulic pump/ PTO (apply open gear grease) | | | |
| Disassemble and lube trough motor spline Insert (apply open gear grease in side and out) | | | |
| Disassemble and lube vertical motor spline Insert (apply open gear grease in side and out) | | | |
| Disassemble and lube boom motor spline Insert (apply open gear grease in side and out) | | | |
| Inspect and lube rotation motor gear & crown gear (remove cover and apply open gear grease) | | | |
| Suspension & Running Gear | | | |
| Inspect and grease tractor 5th wheel | | | |
| Inspect for smooth operation and lubricate landing legs | | | |
| Inspect air springs | | | |
| Inspect pivot connections | | | |
| Inspect kingpin plate condition and flatness | | | |
| Re-torque wheel, suspension, landing gear, kingpin plate and bogie fasteners | | | |
| Inspect suspension hanger brackets, trailing arms and axle beams | | | |
| Inspect suspension bushing tube spacers | | | |
| Inspect tri-functional bushings | | | |
| Inspect shock absorbers, mounting brackets and fasteners | | | |
| Verify ride height accuracy | | | |
| Self steer axle (if equipped) | | | |
| Inspect and grease kingpins and bushings | | | |
| Inspect and lubricated torpress centering mechanism | | | |
| Inspect and grease tie rod ends | | | |

Walinga Equipment

Recommended Bi-annual Maintenance Inspection



| Requirement | Inspected /Serviced | Checked OK? | Action required? |
|----------------------------------------------------------------------------------------------------|---------------------|-------------|------------------|
| Inspect center locking chamber and mechanism | | | |
| Wheel ends | | | |
| Inspect wheel and hubcap seals for leaks | | | |
| Inspect lube level (oil only) | | | |
| Inspect lube colour (oil only) | | | |
| Inspect hub cap for damage | | | |
| Check bearings for smooth and quiet wheel rotation | | | |
| Brakes | | | |
| Inspect and grease slack adjusters and S-cams (drum brakes) | | | |
| Inspect brake pad retaining bars (disk brakes) | | | |
| Inspect brake retaining springs (disc and drum brakes) | | | |
| Inspect the drum/rotor condition - cracks and wear (disc and drum brakes) | | | |
| Inspect brake lining / pad wear | | | |
| Inspect guide pin and piston boots (disc brakes) | | | |
| Inspect all seals and boots (disc and drum brakes) | | | |
| Hydraulic System | | | |
| Monitor hydraulic filter indicators - replace filters as required | | | |
| Check hydraulic oil level | | | |
| Ensure pressure gauges are functioning properly | | | |
| Clean the radiator on the hydraulic oil heat exchanger | | | |
| Inspect and grease drive shaft U-joints (if equipped) | | | |
| Inspect hydraulic hoses and fittings for leaks, breakdown or abrasions | | | |
| Inspect all hydraulic components for leaks (pump, control valves, heat exchangers, cylinders, etc) | | | |
| Check that the hydraulic control levers, detents and spring returns work properly | | | |
| Verify that pump mounting brackets are secure | | | |
| Check PTO(s) for leaks | | | |
| Test hydraulic pump flow (with a flow meter) | | | |
| Check hydraulic oil cleanliness and condition | | | |
| Test the hydraulic cooler fan for proper operation | | | |
| Blower System | | | |
| Inspect and grease drive shaft U-joints | | | |
| Replace blower oil | | | |
| Ensure that the blower turns freely | | | |
| Inspect the drive shaft yokes and set screw tightness | | | |
| Inspect Y-valve for proper operation | | | |
| Check blower system for leaks | | | |
| Inspect pressure and vacuum relief valves open at 15psi/15inHg | | | |
| Ensure pressure gauge is functioning properly | | | |
| Inspect couplers, delivery hoses, fill pipes and cyclones | | | |
| Inspect dust collector and reciever seals | | | |
| Ensure that the airlock vent and boost lines are clear | | | |
| Body & Frame | | | |
| Inspect all safety equipment for safe operation (handrails, safety cages, TRAM system, etc) | | | |
| Lubricate the manual crank gate bushings (inverted V gates) | | | |

Walinga Equipment Recommended Bi-annual Maintenance Inspection



| Requirement | Inspected /Serviced | Checked OK? | Action required? |
|-----------------------------------------------------------------------|---------------------|-------------|------------------|
| Verify that all safety labels are present and legible. | | | |
| Inspect/lubricate all door locks and hinges | | | |
| Inspect and test the air roof lids for proper operation (if equipped) | | | |
| Test and inspect the disinfectant sprayers for proper operation | | | |
| Inspect the chassis frame, the body and all dividers for cracks | | | |
| Inspect the outlet and upper table structure | | | |
| Verify that gates seal properly | | | |
| Inspect seals at chutes, clean out doors and fender boxes | | | |

Walinga Equipment Recommended Annual Maintenance Inspection



| Requirement | Inspected /Serviced | Checked OK? | Action required? |
|-----------------------------------------------------------------------------------------------------|---------------------|-------------|------------------|
| Air System | | | |
| Drain moisture from the air tanks | | | |
| Inspect for leaks in air system | | | |
| Inspect gladhand seals, screens and filters | | | |
| Inspect air system hoses for wear/abrasion | | | |
| Top up air oiler | | | |
| Electrical | | | |
| Clean & inspect the truck and trailer jumper cords and plugs. Lubricate with dielectric grease. | | | |
| Inspect electrical system and wiring for damage | | | |
| Check the operation of all air and electrical components | | | |
| Open all electrical junction boxes, inspect for loose connections. Lubricate with dielectric grease | | | |
| Discharge System | | | |
| Grease boom cylinder pins | | | |
| Grease boom pivot (raise and lower the boom to distribute the grease) | | | |
| Grease upper vertical bearing clamp (rotate the boom to distribute the grease) | | | |
| Grease lower vertical rotation (rotate the boom to distribute the grease) | | | |
| Grease vertical rotation pilot ring (rotate the boom to distribute the grease) | | | |
| Inspect and grease the trough and stuffer hanger bearings (if equipped) | | | |
| Inspect and grease trough auger bearings (3 pumps with grease gun) | | | |
| Inspect and grease stuffer auger bearings (3 pumps with grease gun) | | | |
| Inspect and grease vertical auger bearings (3 pumps with grease gun) | | | |
| Inspect and grease boom auger bearings (3 pumps with grease gun) | | | |
| Inspect and adjust paddle chains (if equipped) | | | |
| Disassemble and lube the splines at the hydraulic pump/ PTO (apply open gear grease) | | | |
| Disassemble and lube trough motor spline Insert (apply open gear grease in side and out) | | | |
| Disassemble and lube vertical motor spline Insert (apply open gear grease in side and out) | | | |
| Disassemble and lube boom motor spline Insert (apply open gear grease in side and out) | | | |
| Inspect and lube rotation motor gear & crown gear (remove cover and apply open gear grease) | | | |
| Suspension & Running Gear | | | |
| Inspect and grease tractor 5th wheel | | | |
| Inspect for smooth operation and lubricate landing legs | | | |
| Inspect air springs | | | |
| Inspect pivot connections | | | |
| Inspect kingpin plate condition and flatness | | | |
| Re-torque wheel, suspension, landing gear, kingpin plate and bogie fasteners | | | |
| Inspect suspension hanger brackets, trailing arms and axle beams | | | |
| Inspect suspension bushing tube spacers | | | |
| Inspect tri-functional bushings | | | |
| Inspect shock absorbers, mounting brackets and fasteners | | | |
| Verify ride height accuracy | | | |
| Self steer axle (if equipped) | | | |
| Inspect and grease kingpins and bushings | | | |
| Inspect and lubricated torpress centering mechanism | | | |
| Inspect and grease tie rod ends | | | |

Walinga Equipment Recommended Annual Maintenance Inspection



| Requirement | Inspected /Serviced | Checked OK? | Action required? |
|----------------------------------------------------------------------------------------------------|---------------------|-------------|------------------|
| Inspect center locking chamber and mechanism | | | |
| Wheel ends | | | |
| Inspect wheel and hubcap seals for leaks | | | |
| Inspect lube level (oil only) | | | |
| Inspect lube colour (oil only) | | | |
| Inspect hub cap for damage | | | |
| Check bearings for smooth and quiet wheel rotation | | | |
| Check wheel end play | | | |
| Brakes | | | |
| Inspect and grease slack adjusters and S-cams (drum brakes) | | | |
| Inspect brake pad retaining bars (disk brakes) | | | |
| Inspect brake retaining springs (disc and drum brakes) | | | |
| Inspect the drum/rotor condition - cracks and wear (disc and drum brakes) | | | |
| Inspect brake lining / pad wear | | | |
| Inspect guide pin and piston boots (disc brakes) | | | |
| Inspect all seals and boots (disc and drum brakes) | | | |
| Hydraulic System | | | |
| Monitor hydraulic filter indicators - replace filters as required | | | |
| Check hydraulic oil level | | | |
| Ensure pressure gauges are functioning properly | | | |
| Clean the radiator on the hydraulic oil heat exchanger | | | |
| Inspect and grease drive shaft U-joints (if equipped) | | | |
| Inspect hydraulic hoses and fittings for leaks, breakdown or abrasions | | | |
| Inspect all hydraulic components for leaks (pump, control valves, heat exchangers, cylinders, etc) | | | |
| Check that the hydraulic control levers, detents and spring returns work properly | | | |
| Verify that pump mounting brackets are secure | | | |
| Check PTO(s) for leaks | | | |
| Test hydraulic pump flow (with a flow meter) | | | |
| Check hydraulic oil cleanliness and condition | | | |
| Test the hydraulic cooler fan for proper operation | | | |
| Replace all hydraulic filters | | | |
| Replace hydraulic system oil | | | |
| Blower System | | | |
| Inspect and grease drive shaft U-joints | | | |
| Replace blower oil | | | |
| Ensure that the blower turns freely | | | |
| Inspect the drive shaft yokes and set screw tightness | | | |
| Inspect Y-valve for proper operation | | | |
| Check blower system for leaks | | | |
| Inspect pressure and vacuum relief valves open at 15psi/15inHg | | | |
| Ensure pressure gauge is functioning properly | | | |
| Inspect couplers, delivery hoses, fill pipes and cyclones | | | |
| Inspect dust collector and receiver seals | | | |
| Ensure that the airlock vent and boost lines are clear | | | |

Walinga Equipment Recommended Annual Maintenance Inspection



| Requirement | Inspected /Serviced | Checked OK? | Action required? |
|---------------------------------------------------------------------------------------------|---------------------|-------------|------------------|
| Check Airlock tip clearances | | | |
| Body & Frame | | | |
| Inspect all safety equipment for safe operation (handrails, safety cages, TRAM system, etc) | | | |
| Lubricate the manual crank gate bushings (inverted V gates) | | | |
| Verify that all safety labels are present and legible. | | | |
| Inspect/lubricate all door locks and hinges | | | |
| Inspect and test the air roof lids for proper operation (if equipped) | | | |
| Test and inspect the disinfectant sprayers for proper operation | | | |
| Inspect the chassis frame, the body and all dividers for cracks | | | |
| Inspect the outlet and upper table structure | | | |
| Verify that gates seal properly | | | |
| Inspect seals at chutes, clean out doors and fender boxes | | | |