

#### **MAINTENANCE & INSPECTION LOG**

DAILY • MONTHLY • QUARTERLY • ANNUAL





#### **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:		
	Questions, Information, Parts, or Warranty, 800-321-3741 urs: Monday - Friday, 8:00 a.m 5:00 p.m.	
	Or email at the following addresses:	
Technical Questions, and Informa	tion:	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.



### **STELLAR**° Daily Tire Truck Inspection Part 1 of 2





Tire Crane	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible.																															
Check all safety devices for proper operation.																															
Control mechanisms for proper operation of all functions, leaks & cracks.																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level.																															
Presence & proper operation of hook safety latches																															
Proper engagement of all connecting pins & retaining devices																															
Observation of crane for damage or missing parts & cracked welds																															
Presence of all safety covers																															
During operation observe crane for abnormal performance, unusual wear																															
Operate remote control devices to check for proper operation																															
Operate all lights, alarms, etc. for proper operation																															
Check overload device for proper operation																															
Tire Crane	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Proper engagement of all connecting pins & retaining devices																															
Observation of Tireman for damage or missing parts & cracked welds																															
During operation observe crane for abnormal performance, unusual wear																															

## **STELLAR**° Daily Tire Truck Inspection Part 2 of 2 Month:





Month:							Ye	ar	:														<b>√</b>		'as	S		>	<u> </u>	all	
Body	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
Operate all lights, alarms, etc. for proper operation																															
Visually inspect body door latches for damage & operate latch to check proper closure																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Inspect liftgate for damage, cracked welds or missing parts																															
Operate lifgate to check for proper operation																															
Operate stabilizers to check for proper operation																															
Calcium System	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
Check calcium filter bowls for debris																															
Check hoses, fittings and tanks for leaks																															
Air Compressor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
Drain air tanks to remove water																															
Check air lines & fittings for leaks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Check crankcase oil level																															
Inspect & clean air intake filters																															
Clean and operate safety valves																															_
Clean cooling fan on radiator																															
Inspect check valve																															



STELLAR	Monthly Ti	re Truck Inspection Part 1 of 2
	Month:	Year:





Tire Crane	Pass/Fail	Tire Crane
All daily inspections		Hydraulic pumps & mo
Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case		Transmission/PTO for alignment & mounting
Holding valves for proper operation		Hoses & tubes for lead cracking, deterioration
Control valve for leaks at fittings and between sections		Load hook for abnorm
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings		Presence of operator's
Bent, broken or significantly rusted/corroded parts		Tire wear and air pres
Electrical systems for presence of dirt, moisture & frayed wires		Working backup alarm
All structural members for damage		Fire extinguisher at ca
All welds for breaks & cracks		Grease rotation gear
All pins for proper installation & condition		Grease all cylinder piv
All bolts, fasteners & retaining rings for tightness, wear & corrosion		Lubricate extension be
Condition of wear pads		Check oil level in mair any damage or broker

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	



#### **STELLAR** Monthly Tire Truck Inspection Part 2 of 2

Month:	Year:
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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	



#### **STELLAR** Daily Tire Truck Inspection Part 1 of 2





Tire Crene	4	2	2	4	E	_	7	8		40	44	40	42	44	45	40	47	40	40	20	24	22	22	24	25	20	27	20	20	20	24
Tire Crane	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Check all safety devices for proper operation																															
Control mechanisms for proper operation of all functions, leaks & cracks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Presence & proper operation of hook safety latches																															
Proper engagement of all connecting pins & retaining devices																															
Observation of crane for damage or missing parts & cracked welds																															
Presence of all safety covers																															
During operation observe crane for abnormal performance, unusual wear																															
Operate remote control devices to check for proper operation																															
Operate all lights, alarms, etc. for proper operation																															
Check overload device for proper operation																															
TireMan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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Observation of Tireman for damage or missing parts & cracked welds																															
During operation observe crane for abnormal performance, unusual wear																															



#### **STELLAR**° Daily Tire Truck Inspection Part 2 of 2 Month:

Year:\_





Body	1	2	3	4	5	6	_	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Operate all lights, alarms, etc. for proper operation																															
Visually inspect body door latches for damage & operate latch to check proper closure																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Inspect liftgate for damage, cracked welds or missing parts																															
Operate lifgate to check for proper operation																															
Operate stabilizers to check for proper operation																															
Calcium System	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Check calcium filter bowls for debris																															
Check hoses, fittings and tanks for leaks																															
Air Compressor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Drain air tanks to remove water																															
Check air lines & fittings for leaks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Check crankcase oil level																															
Inspect & clean air intake filters																															
Clean and operate safety valves																															
Clean cooling fan on radiator																															



## **STELLAR** Monthly Tire Truck Inspection Part 1 of 2

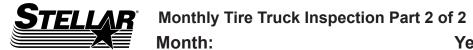
Month:	





Tire Crane	Pass/Fail	Tire Crane
All daily inspections		Hydraulic pumps & motors for leak between sections. Check tightness
Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case		Transmission/PTO for leakage, abit alignment & mounting bolt torque
Holding valves for proper operation		Hoses & tubes for leakage, abrasic cracking, deterioration, fitting leakage.
Control valve for leaks at fittings and between sections		Load hook for abnormal throat dist
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings		Presence of operator's manuals wi
Bent, broken or significantly rusted/corroded parts		Tire wear and air pressure
Electrical systems for presence of dirt, moisture & frayed wires		Working backup alarm
All structural members for damage		Fire extinguisher at cab or machine
All welds for breaks & cracks		Grease rotation gear open gear tee
All pins for proper installation & condition		Grease all cylinder pivot points
All bolts, fasteners & retaining rings for tightness, wear & corrosion		Lubricate extension booms
Condition of wear pads		Check oil level in main rotation gea

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	



Month: Year:		
	Month:	Year:





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	



#### **STELLAR** Daily Tire Truck Inspection Part 1 of 2





Wonth:			_	_			_	ea		_		_	_		_								_	_	_				_	_	_
Tire Crane	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Check all safety devices for proper operation																															
Control mechanisms for proper operation of all functions, leaks & cracks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Presence & proper operation of hook safety latches																															
Proper engagement of all connecting pins & retaining devices																															
Observation of crane for damage or missing parts & cracked welds																															
Presence of all safety covers																															
During operation observe crane for abnormal performance, unusual wear																															
Operate remote control devices to check for proper operation																															
Operate all lights, alarms, etc. for proper operation																															
Check overload device for proper operation																															
TireMan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Proper engagement of all connecting pins & retaining devices																															
Observation of Tireman for damage or missing parts & cracked welds																															
During operation observe crane for abnormal performance, unusual wear																															



#### **STELLAR** Daily Tire Truck Inspection Part 2 of 2





Month: Year:															<b>√</b>		Pas	S		>	<b>(</b> F	ail									
Body	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Operate all lights, alarms, etc. for proper operation																															
Visually inspect body door latches for damage & operate latch to check proper closure																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Inspect liftgate for damage, cracked welds or missing parts																															
Operate lifgate to check for proper operation																															
Operate stabilizers to check for proper operation																															
Calcium System	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Check calcium filter bowls for debris																															
Check hoses, fittings and tanks for leaks																															
Air Compressor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Drain air tanks to remove water																															ı
Check air lines & fittings for leaks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Check crankcase oil level																															ı
Inspect & clean air intake filters																															
Clean and operate safety valves																															
Clean cooling fan on radiator																															_ <b></b>
Inspect check valve																															



#### **STELLAR** Monthly Tire Truck Inspection Part 1 of 2

Month:	Year:
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Tire Crane	Pass/Fail	Tire Crane
All daily inspections		Hydraulic pumps & motors for leakage at f between sections. Check tightness of mou
Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case		Transmission/PTO for leakage, abnormal valignment & mounting bolt torque
Holding valves for proper operation		Hoses & tubes for leakage, abrasion dama cracking, deterioration, fitting leakage & se
Control valve for leaks at fittings and between sections		Load hook for abnormal throat distance, tw
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings		Presence of operator's manuals with the u
Bent, broken or significantly rusted/corroded parts		Tire wear and air pressure
Electrical systems for presence of dirt, moisture & frayed wires		Working backup alarm
All structural members for damage		Fire extinguisher at cab or machinery hous
All welds for breaks & cracks		Grease rotation gear open gear teeth
All pins for proper installation & condition		Grease all cylinder pivot points
All bolts, fasteners & retaining rings for tightness, wear & corrosion		Lubricate extension booms
Condition of wear pads		Check oil level in main rotation gear box. In any damage or broken teeth

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								



### **STELLAR** Monthly Tire Truck Inspection Part 2 of 2

/lonth:	Year:





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	

# STELLAR 1st Quarterly Tire Truck Inspection Part1 of 2 Month: Year:





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	

# STELLAR 1st Quarterly Tire Truck Inspection Part 2 of 2 Month: Year:





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	



#### **STELLAR** Daily Tire Truck Inspection Part 1 of 2





Tire Crene	4	2	2	4	E	_	7	8		40	44	40	42	44	45	40	47	40	40	20	24	22	22	24	25	20	27	20	20	20	24
Tire Crane	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
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Proper engagement of all connecting pins & retaining devices																															
Observation of Tireman for damage or missing parts & cracked welds																															
During operation observe crane for abnormal performance, unusual wear																															



#### **STELLAR**° Daily Tire Truck Inspection Part 2 of 2





Body	1	2	3	4	5	6	7	8		10	11	12	2 13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Operate all lights, alarms, etc. for proper operation	Г				Г								T			Г															
Visually inspect body door latches for damage & operate latch to check proper closure																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Inspect liftgate for damage, cracked welds or missing parts																															
Operate lifgate to check for proper operation																															
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Calcium System	1	2	3	4	5	6	7	8	9	10	11	12	2 13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Check calcium filter bowls for debris																															
Check hoses, fittings and tanks for leaks																															
Air Compressor	1	2	3	4	5	6	7	8	9	10	) 11	12	2 13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Drain air tanks to remove water																															
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Clean and operate safety valves																															
Clean cooling fan on radiator																															
Inspect check valve																															



#### **STELLAR** Monthly Tire Truck Inspection Part 1 of 2

	3.6
Month:	Year:





Tire Crane	Pass/Fail	Tire Crane
All daily inspections		Hydraulic pumps & motors to between sections. Check tig
Visual inspection of cylinders for leakage at rod, fittings & welds.  Damage to rod and case		Transmission/PTO for leaka alignment & mounting bolt to
Holding valves for proper operation		Hoses & tubes for leakage, cracking, deterioration, fittin
Control valve for leaks at fittings and between sections		Load hook for abnormal thro
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings		Presence of operator's man
Bent, broken or significantly rusted/corroded parts		Tire wear and air pressure
Electrical systems for presence of dirt, moisture & frayed wires		Working backup alarm
All structural members for damage		Fire extinguisher at cab or r
All welds for breaks & cracks		Grease rotation gear open o
All pins for proper installation & condition		Grease all cylinder pivot poi
All bolts, fasteners & retaining rings for tightness, wear & corrosion		Lubricate extension booms
Condition of wear pads		Check oil level in main rotat any damage or broken teeth

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	



### **STELLAR** Monthly Tire Truck Inspection Part 2 of 2

Month:	Year:
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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	



#### **STELLAR**° Daily Tire Truck Inspection Part 1 of 2





Tire Crone	4	1	1	A	E			l o		40		40	42	4.4	45	40	47	40	40	20	24	22	22	24	25	20	27	20	20	20	24
Tire Crane	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	<b>3</b> 1
All load charts, safety/warning decals & control decals are present and legible																															
Check all safety devices for proper operation																															
Control mechanisms for proper operation of all functions, leaks & cracks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Presence & proper operation of hook safety latches																															
Proper engagement of all connecting pins & retaining devices																															
Observation of crane for damage or missing parts & cracked welds																															
Presence of all safety covers																															
During operation observe crane for abnormal performance, unusual wear																															
Operate remote control devices to check for proper operation																															
Operate all lights, alarms, etc. for proper operation																															
Check overload device for proper operation																															
TireMan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Proper engagement of all connecting pins & retaining devices																															
Observation of Tireman for damage or missing parts & cracked welds																															
During operation observe crane for abnormal performance, unusual wear																															



#### **STELLAR**° Daily Tire Truck Inspection Part 2 of 2





Pode	1		1		<b>_</b>	_	_	<u>ca</u>		40	44	40	40	4.4	45	40	47	40	40	20	04	00	00	0.4	0.5	00	07	00	00	20	24
Body	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Operate all lights, alarms, etc. for proper operation																															
Visually inspect body door latches for damage & operate latch to check proper closure																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Inspect liftgate for damage, cracked welds or missing parts																															
Operate lifgate to check for proper operation																															
Operate stabilizers to check for proper operation																															
Calcium System	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Check calcium filter bowls for debris																															
Check hoses, fittings and tanks for leaks																															
Air Compressor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Drain air tanks to remove water																															
Check air lines & fittings for leaks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Check crankcase oil level																															
Inspect & clean air intake filters																															
Clean and operate safety valves																															
Clean cooling fan on radiator																															
Inspect check valve																															



#### **STELLAR** Monthly Tire Truck Inspection Part 1 of 2

	3.6
Month:	Year:





Tire Crane	Pass/Fail	Tire Crane
All daily inspections		Hydraulic pumps & motors to between sections. Check tig
Visual inspection of cylinders for leakage at rod, fittings & welds.  Damage to rod and case		Transmission/PTO for leaka alignment & mounting bolt to
Holding valves for proper operation		Hoses & tubes for leakage, cracking, deterioration, fittin
Control valve for leaks at fittings and between sections		Load hook for abnormal thro
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings		Presence of operator's man
Bent, broken or significantly rusted/corroded parts		Tire wear and air pressure
Electrical systems for presence of dirt, moisture & frayed wires		Working backup alarm
All structural members for damage		Fire extinguisher at cab or r
All welds for breaks & cracks		Grease rotation gear open o
All pins for proper installation & condition		Grease all cylinder pivot poi
All bolts, fasteners & retaining rings for tightness, wear & corrosion		Lubricate extension booms
Condition of wear pads		Check oil level in main rotat any damage or broken teeth

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:
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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	



#### **STELLAR** Daily Tire Truck Inspection Part 1 of 2





Wonth:			_	_			_	ea		_		_	_		_								_	_	_				_	_	_
Tire Crane	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Check all safety devices for proper operation																															
Control mechanisms for proper operation of all functions, leaks & cracks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Presence & proper operation of hook safety latches																															
Proper engagement of all connecting pins & retaining devices																															
Observation of crane for damage or missing parts & cracked welds																															
Presence of all safety covers																															
During operation observe crane for abnormal performance, unusual wear																															
Operate remote control devices to check for proper operation																															
Operate all lights, alarms, etc. for proper operation																															
Check overload device for proper operation																															
TireMan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Proper engagement of all connecting pins & retaining devices																															
Observation of Tireman for damage or missing parts & cracked welds																															
During operation observe crane for abnormal performance, unusual wear																															



#### **STELLAR**° Daily Tire Truck Inspection Part 2 of 2





Pode	1		1		<b>_</b>	_	_	<u>ca</u>		40	44	40	40	4.4	45	40	47	40	40	20	04	00	00	0.4	0.5	00	07	00	00	20	24
Body	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Operate all lights, alarms, etc. for proper operation																															
Visually inspect body door latches for damage & operate latch to check proper closure																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Inspect liftgate for damage, cracked welds or missing parts																															
Operate lifgate to check for proper operation																															
Operate stabilizers to check for proper operation																															
Calcium System	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Check calcium filter bowls for debris																															
Check hoses, fittings and tanks for leaks																															
Air Compressor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Drain air tanks to remove water																															
Check air lines & fittings for leaks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Check crankcase oil level																															
Inspect & clean air intake filters																															
Clean and operate safety valves																															
Clean cooling fan on radiator																															
Inspect check valve																															



#### **STELLAR** Monthly Tire Truck Inspection Part 1 of 2

Month:	Year:
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Tire Crane	Pass/Fail	Tire Crane
All daily inspections		Hydraulic pumps & motors for leakage at f between sections. Check tightness of mou
Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case		Transmission/PTO for leakage, abnormal valignment & mounting bolt torque
Holding valves for proper operation		Hoses & tubes for leakage, abrasion dama cracking, deterioration, fitting leakage & se
Control valve for leaks at fittings and between sections		Load hook for abnormal throat distance, tw
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings		Presence of operator's manuals with the u
Bent, broken or significantly rusted/corroded parts		Tire wear and air pressure
Electrical systems for presence of dirt, moisture & frayed wires		Working backup alarm
All structural members for damage		Fire extinguisher at cab or machinery hous
All welds for breaks & cracks		Grease rotation gear open gear teeth
All pins for proper installation & condition		Grease all cylinder pivot points
All bolts, fasteners & retaining rings for tightness, wear & corrosion		Lubricate extension booms
Condition of wear pads		Check oil level in main rotation gear box. In any damage or broken teeth

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									



### **STELLAR** Monthly Tire Truck Inspection Part 2 of 2

/lonth:	Year:





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	

## STELLAR® 2nd Quarterly Tire Truck Inspection Part 1 of 2 Month: Year:





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								

# STELLAR® 2nd Quarterly Tire Truck Inspection Part 2 of 2 Month: Year:





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										



#### **STELLAR** Daily Tire Truck Inspection Part 1 of 2





Tire Crene	4	2	2	4	E	_	7	8		40	44	40	42	44	45	40	47	40	40	20	24	22	22	24	25	20	27	20	20	20	24
Tire Crane	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Check all safety devices for proper operation																															
Control mechanisms for proper operation of all functions, leaks & cracks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Presence & proper operation of hook safety latches																															
Proper engagement of all connecting pins & retaining devices																															
Observation of crane for damage or missing parts & cracked welds																															
Presence of all safety covers																															
During operation observe crane for abnormal performance, unusual wear																															
Operate remote control devices to check for proper operation																															
Operate all lights, alarms, etc. for proper operation																															
Check overload device for proper operation																															
TireMan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Proper engagement of all connecting pins & retaining devices																															
Observation of Tireman for damage or missing parts & cracked welds																															
During operation observe crane for abnormal performance, unusual wear																															



Year:





Pode	1		1		<b>_</b>	_	_	<u>ca</u>		40	44	40	40	4.4	45	40	47	40	40	20	04	00	00	0.4	0.5	00	07	00	00	20	24
Body	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Operate all lights, alarms, etc. for proper operation																															
Visually inspect body door latches for damage & operate latch to check proper closure																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Inspect liftgate for damage, cracked welds or missing parts																															
Operate lifgate to check for proper operation																															
Operate stabilizers to check for proper operation																															
Calcium System	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Check calcium filter bowls for debris																															
Check hoses, fittings and tanks for leaks																															
Air Compressor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Drain air tanks to remove water																															
Check air lines & fittings for leaks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Check crankcase oil level																															
Inspect & clean air intake filters																															
Clean and operate safety valves																															
Clean cooling fan on radiator																															
Inspect check valve																															



STELLAR	Monthly Ti	re Truck Inspection Part 1 of 2
	Month:	Year:





Tire Crane	Pass/Fail	Tire Crane
All daily inspections		Hydraulic pumps & mo
Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case		Transmission/PTO for alignment & mounting
Holding valves for proper operation		Hoses & tubes for lead cracking, deterioration
Control valve for leaks at fittings and between sections		Load hook for abnorm
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings		Presence of operator's
Bent, broken or significantly rusted/corroded parts		Tire wear and air pres
Electrical systems for presence of dirt, moisture & frayed wires		Working backup alarm
All structural members for damage		Fire extinguisher at ca
All welds for breaks & cracks		Grease rotation gear
All pins for proper installation & condition		Grease all cylinder piv
All bolts, fasteners & retaining rings for tightness, wear & corrosion		Lubricate extension be
Condition of wear pads		Check oil level in mair any damage or broker

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	



### **STELLAR** Monthly Tire Truck Inspection Part 2 of 2

/lonth:	Year:





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	



#### **STELLAR**° Daily Tire Truck Inspection Part 1 of 2





Wonth:			_	_			_	ea		_		_	_		_								_	_	_				_	_	_
Tire Crane	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Check all safety devices for proper operation																															
Control mechanisms for proper operation of all functions, leaks & cracks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Presence & proper operation of hook safety latches																															
Proper engagement of all connecting pins & retaining devices																															
Observation of crane for damage or missing parts & cracked welds																															
Presence of all safety covers																															
During operation observe crane for abnormal performance, unusual wear																															
Operate remote control devices to check for proper operation																															
Operate all lights, alarms, etc. for proper operation																															
Check overload device for proper operation																															
TireMan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Proper engagement of all connecting pins & retaining devices																															
Observation of Tireman for damage or missing parts & cracked welds																															
During operation observe crane for abnormal performance, unusual wear																															



### **STELLAR**° Daily Tire Truck Inspection Part 2 of 2 Month:





Month: Year:										<b>√</b>		as <sup>2</sup>	S		<b>X</b> Fail																
Body	1	2	3	4	5	6	7	8		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
Operate all lights, alarms, etc. for proper operation																															
Visually inspect body door latches for damage & operate latch to check proper closure																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Inspect liftgate for damage, cracked welds or missing parts																															
Operate lifgate to check for proper operation																															
Operate stabilizers to check for proper operation																															
Calcium System	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
Check calcium filter bowls for debris																															
Check hoses, fittings and tanks for leaks																															
Air Compressor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	3
Drain air tanks to remove water																															
Check air lines & fittings for leaks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Check crankcase oil level																															
Inspect & clean air intake filters																															
Clean and operate safety valves																															
Clean cooling fan on radiator																															
Inspect check valve																			Î												



### Monthly Tire Truck Inspection Part 1 of 2

Month:	Year:
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Tire Crane	Pass/Fail	Tire Crane
All daily inspections		Hydraulic pumps & motors for le between sections. Check tightne
Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case		Transmission/PTO for leakage, a alignment & mounting bolt torqu
Holding valves for proper operation		Hoses & tubes for leakage, abra cracking, deterioration, fitting lea
Control valve for leaks at fittings and between sections		Load hook for abnormal throat d
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings		Presence of operator's manuals
Bent, broken or significantly rusted/corroded parts		Tire wear and air pressure
Electrical systems for presence of dirt, moisture & frayed wires		Working backup alarm
All structural members for damage		Fire extinguisher at cab or mach
All welds for breaks & cracks		Grease rotation gear open gear
All pins for proper installation & condition		Grease all cylinder pivot points
All bolts, fasteners & retaining rings for tightness, wear & corrosion		Lubricate extension booms
Condition of wear pads		Check oil level in main rotation of any damage or broken teeth

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	



# **STELLAR** Monthly Tire Truck Inspection Part 2 of 2

Month:	Year:	





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





Tire Crane	1	2	3	4	5	6	7	8	9	10	11	12	2 13	14	1 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Check all safety devices for proper operation																															
Control mechanisms for proper operation of all functions, leaks & cracks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Presence & proper operation of hook safety latches																															
Proper engagement of all connecting pins & retaining devices																															
Observation of crane for damage or missing parts & cracked welds																															
Presence of all safety covers																															
During operation observe crane for abnormal performance, unusual wear																															
Operate remote control devices to check for proper operation																															
Operate all lights, alarms, etc. for proper operation																															
Check overload device for proper operation																															
TireMan	1	2	3	4	5	6	7	8	9	10	11	12	2 13	14	1 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Proper engagement of all connecting pins & retaining devices																															
Observation of Tireman for damage or missing parts & cracked welds																															
During operation observe crane for abnormal performance, unusual wear																															



### **STELLAR** Daily Tire Truck Inspection Part 2 of 2





Body	1	2	3	4	5	6	7	8		10	11	12	2 13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Operate all lights, alarms, etc. for proper operation	Г				Г								T			Г															
Visually inspect body door latches for damage & operate latch to check proper closure																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Inspect liftgate for damage, cracked welds or missing parts																															
Operate lifgate to check for proper operation																															
Operate stabilizers to check for proper operation																															
Calcium System	1	2	3	4	5	6	7	8	9	10	11	12	2 13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Check calcium filter bowls for debris																															
Check hoses, fittings and tanks for leaks																															
Air Compressor	1	2	3	4	5	6	7	8	9	10	) 11	12	2 13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Drain air tanks to remove water																															
Check air lines & fittings for leaks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Check crankcase oil level																															
Inspect & clean air intake filters																															
Clean and operate safety valves																															
Clean cooling fan on radiator																															
Inspect check valve																															



### Monthly Tire Truck Inspection Part 1 of 2

Month:	Year:





Tire Crane	Pass/Fail	Tire Crane
All daily inspections		Hydraulic pumps & mo between sections. Che
Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case		Transmission/PTO for lalignment & mounting l
Holding valves for proper operation		Hoses & tubes for leak cracking, deterioration,
Control valve for leaks at fittings and between sections		Load hook for abnorma
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings		Presence of operator's
Bent, broken or significantly rusted/corroded parts		Tire wear and air press
Electrical systems for presence of dirt, moisture & frayed wires		Working backup alarm
All structural members for damage		Fire extinguisher at cal
All welds for breaks & cracks		Grease rotation gear o
All pins for proper installation & condition		Grease all cylinder pivo
All bolts, fasteners & retaining rings for tightness, wear & corrosion		Lubricate extension bo
Condition of wear pads		Check oil level in main any damage or broken

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	



# **STELLAR** Monthly Tire Truck Inspection Part 2 of 2

Month:	Year:	





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	

# STELLAR 3rd Quarterly Tire Truck Inspection Part 1 of 2 Month: Year:





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								

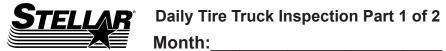
# STELLAR® 3rd Quarterly Tire Truck Inspection Part 2 of 2 Month: Year:





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									







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Tire Crane	1	2	3	4	5	6	7	8	9	10	11	12	2 13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Check all safety devices for proper operation																															
Control mechanisms for proper operation of all functions, leaks & cracks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Presence & proper operation of hook safety latches																															
Proper engagement of all connecting pins & retaining devices																															
Observation of crane for damage or missing parts & cracked welds																															
Presence of all safety covers																															
During operation observe crane for abnormal performance, unusual wear																															
Operate remote control devices to check for proper operation																															
Operate all lights, alarms, etc. for proper operation																															
Check overload device for proper operation																															
TireMan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Proper engagement of all connecting pins & retaining devices																															
Observation of Tireman for damage or missing parts & cracked welds																															
During operation observe crane for abnormal performance, unusual wear																															



# **STELLAR** Daily Tire Truck Inspection Part 2 of 2





Body	1	2	3	4	5	6	7	8		10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Operate all lights, alarms, etc. for proper operation	Г																														
Visually inspect body door latches for damage & operate latch to check proper closure																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Inspect liftgate for damage, cracked welds or missing parts																															
Operate lifgate to check for proper operation																															
Operate stabilizers to check for proper operation																															
Calcium System	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Check calcium filter bowls for debris																															
Check hoses, fittings and tanks for leaks																															
Air Compressor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Drain air tanks to remove water																															
Check air lines & fittings for leaks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Check crankcase oil level																															
Inspect & clean air intake filters																															
Clean and operate safety valves																															
Clean cooling fan on radiator																															
Inspect check valve																															



### Monthly Tire Truck Inspection Part 1 of 2

Month:	Year:
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Tire Crane	Pass/Fail	Tire Crane
All daily inspections		Hydraulic pumps & motors for lea between sections. Check tightne
Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case		Transmission/PTO for leakage, a alignment & mounting bolt torque
Holding valves for proper operation		Hoses & tubes for leakage, abras cracking, deterioration, fitting lea
Control valve for leaks at fittings and between sections		Load hook for abnormal throat di
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings		Presence of operator's manuals
Bent, broken or significantly rusted/corroded parts		Tire wear and air pressure
Electrical systems for presence of dirt, moisture & frayed wires		Working backup alarm
All structural members for damage		Fire extinguisher at cab or machi
All welds for breaks & cracks		Grease rotation gear open gear t
All pins for proper installation & condition		Grease all cylinder pivot points
All bolts, fasteners & retaining rings for tightness, wear & corrosion		Lubricate extension booms
Condition of wear pads		Check oil level in main rotation gany damage or broken teeth

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:
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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	



## **STELLAR**° Daily Tire Truck Inspection Part 1 of 2





Tire Crons	4	2	2	4	E	_	7	8		40	44	40	42	44	45	40	47	40	40	20	24	22	22	24	25	20	27	20	20	20	24
Tire Crane	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Check all safety devices for proper operation																															
Control mechanisms for proper operation of all functions, leaks & cracks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Presence & proper operation of hook safety latches																															
Proper engagement of all connecting pins & retaining devices																															
Observation of crane for damage or missing parts & cracked welds																															
Presence of all safety covers																															
During operation observe crane for abnormal performance, unusual wear																															
Operate remote control devices to check for proper operation																															
Operate all lights, alarms, etc. for proper operation																															
Check overload device for proper operation																															
TireMan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Proper engagement of all connecting pins & retaining devices																															
Observation of Tireman for damage or missing parts & cracked welds																															
During operation observe crane for abnormal performance, unusual wear																															



## **STELLAR**° Daily Tire Truck Inspection Part 2 of 2





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Body	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Operate all lights, alarms, etc. for proper operation																															
Visually inspect body door latches for damage & operate latch to check proper closure																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Inspect liftgate for damage, cracked welds or missing parts																															
Operate lifgate to check for proper operation																															
Operate stabilizers to check for proper operation																															
Calcium System	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Check calcium filter bowls for debris																															
Check hoses, fittings and tanks for leaks																															
Air Compressor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Drain air tanks to remove water																															
Check air lines & fittings for leaks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Check crankcase oil level																															
Inspect & clean air intake filters																															
Clean and operate safety valves																															
Clean cooling fan on radiator																															
Inspect check valve																															



## **STELLAR** Monthly Tire Truck Inspection Part 1 of 2

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Month:	Year:





Tire Crane	Pass/Fail	Tire Crane
All daily inspections		Hydraulic pumps & motors to between sections. Check tig
Visual inspection of cylinders for leakage at rod, fittings & welds.  Damage to rod and case		Transmission/PTO for leaka alignment & mounting bolt to
Holding valves for proper operation		Hoses & tubes for leakage, cracking, deterioration, fittin
Control valve for leaks at fittings and between sections		Load hook for abnormal thro
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings		Presence of operator's man
Bent, broken or significantly rusted/corroded parts		Tire wear and air pressure
Electrical systems for presence of dirt, moisture & frayed wires		Working backup alarm
All structural members for damage		Fire extinguisher at cab or r
All welds for breaks & cracks		Grease rotation gear open o
All pins for proper installation & condition		Grease all cylinder pivot poi
All bolts, fasteners & retaining rings for tightness, wear & corrosion		Lubricate extension booms
Condition of wear pads		Check oil level in main rotat any damage or broken teeth

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	



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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





Tire Crane	1	2	3	4	5	6	7	8	9	10	11	12	2 13	14	1 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Check all safety devices for proper operation																															
Control mechanisms for proper operation of all functions, leaks & cracks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Presence & proper operation of hook safety latches																															
Proper engagement of all connecting pins & retaining devices																															
Observation of crane for damage or missing parts & cracked welds																															
Presence of all safety covers																															
During operation observe crane for abnormal performance, unusual wear																															
Operate remote control devices to check for proper operation																															
Operate all lights, alarms, etc. for proper operation																															
Check overload device for proper operation																															
TireMan	1	2	3	4	5	6	7	8	9	10	11	12	2 13	14	1 15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
All load charts, safety/warning decals & control decals are present and legible																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Proper engagement of all connecting pins & retaining devices																															
Observation of Tireman for damage or missing parts & cracked welds																															
During operation observe crane for abnormal performance, unusual wear																															



## **STELLAR**° Daily Tire Truck Inspection Part 2 of 2





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Body	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Operate all lights, alarms, etc. for proper operation																															
Visually inspect body door latches for damage & operate latch to check proper closure																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Inspect liftgate for damage, cracked welds or missing parts																															
Operate lifgate to check for proper operation																															
Operate stabilizers to check for proper operation																															
Calcium System	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Check calcium filter bowls for debris																															
Check hoses, fittings and tanks for leaks																															
Air Compressor	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Drain air tanks to remove water																															
Check air lines & fittings for leaks																															
Hydraulic system (hoses, tubes & fittings) for leakage & proper oil level																															
Check crankcase oil level																															
Inspect & clean air intake filters																															
Clean and operate safety valves																															
Clean cooling fan on radiator																															
Inspect check valve																															



STELLAR	Monthly Ti	re Truck Inspection Part 1 of 2
	Month:	Year:





Tire Crane	Pass/Fail	Tire Crane
All daily inspections		Hydraulic pumps & mo
Visual inspection of cylinders for leakage at rod, fittings & welds. Damage to rod and case		Transmission/PTO for alignment & mounting
Holding valves for proper operation		Hoses & tubes for lead cracking, deterioration
Control valve for leaks at fittings and between sections		Load hook for abnorm
Control valve linkages for wear, smoothness of operation and tightness of fasteners. Relief valve for proper pressure settings		Presence of operator's
Bent, broken or significantly rusted/corroded parts		Tire wear and air pres
Electrical systems for presence of dirt, moisture & frayed wires		Working backup alarm
All structural members for damage		Fire extinguisher at ca
All welds for breaks & cracks		Grease rotation gear
All pins for proper installation & condition		Grease all cylinder piv
All bolts, fasteners & retaining rings for tightness, wear & corrosion		Lubricate extension be
Condition of wear pads		Check oil level in mair any damage or broker

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	



## **STELLAR** Monthly Tire Truck Inspection Part 2 of 2

Month:	Year:
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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	

# STELLAR® 4th Quarterly Tire Truck Inspection Part 1 of 2 Month: Year:





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	

# STELLAR 4th Quarterly Tire Truck Inspection Part 2 of 2 Month: Year:





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	

# STELLAR® Annual Tire Truck Inspection Part 1 of 2 Month: Year:





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	

### STELLAR\* Annual Tire Truck Inspection Part 2 of 2 Month: Y Month:\_

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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 coalescering/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**

Date	Issue	Description of Action

# **Tire Truck Corrective Action Log**

Date	Issue	Description of Action

# **Tire Truck Corrective Action Log**

Date	Issue	Description of Action