



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

1501 Moran Road Sterling VA.

on

11/4/2025

Please return the entire report.

Customer Sign Off

-If there are no deficiencies nothing needs to be done

-If there are any (HIGH, RED) deficiencies please follow the instructions below




The deficiencies marked HIGH in RED shall be corrected and this report must be dated, signed and email THIS ENTIRE REPORT to tony.rossi@tandemlift.com or jon.santimaw@tandemlift.com. After the signed document is received, a certification and label will be issued. The deficiencies denoted with (REC, MEDIUM, ORANGE) are recommended and are not required to be corrected to achieve certification. However those items should be corrected to improve equipment reliability and performance.

-The undersigned verifies that the deficiencies denoted with (DEF, HIGH, RED) have been corrected.

Signature



Date

Table of Contents




	 High	 Med	 Low	Section
Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400) - 1501 Moran Road Sterling VA.	0	1	0	1.0
Telescoping Boom Crane: 045 124 - S246				

Overview




Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)	0	1	0	1
Overall:	0	1	0	1

Breakdown by Location

Location	 High	 Med	 Low	# Forms
1501 Moran Road Sterling VA.	0	1	0	1
Overall:	0	1	0	1

Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Telescoping Boom Crane	0	1	0	1
Overall:	0	1	0	1

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Tandem Lift LLC
321 Enlow Place
Pennsville, NJ 08070
833-TANDEM1

Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)

Sautter Crane rental
2900 Black Lake Place
Philadelphia, PA 19154

FolderID: 110425S246
FormID: 26473495



Telescoping Boom Crane

Completed by: Steve Edling on 11/04/2025

Location: 1501 Moran Road Sterling VA.

Serial Number: 045 124

Unit Number: S246

Status: In Service

Manufacturer: Liebherr

Model: LTM 1100-5.2

Capacity: 120 Tons

Length/Lift: 171'

Type of Crane: All Terrain Crane

Number of Hoists: Main and Auxiliary (Not in Use)

Boom Configuration: Main Boom with Stowed Jib

Load Test: No

Priorities Found: ● 1 - Medium ● 101 - Good

General

1. Location of Equipment
2. Customer Sign Off
3. Hours & Mileage

Hours	Mileage
7157.0	52,231.0

Inspection Information

- | | |
|----------------------|--------------|
| 4. Inspection Number | 110425S246 |
| 5. Inspection Date | 11/04/2025 |
| 6. Inspection Type | (Ann) Annual |


Information & Records

- | | | |
|-----------------------------------------------------|--------------------|-----|
| 7. Documentation of Annual/Comprehensive Inspection | (SAT) Satisfactory | |
| 8. Daily/Monthly Inspection Records | (SAT) Satisfactory | |
| 9. Maintenance Records | (SAT) Satisfactory | |
| 10. Hand Signal Chart | (SAT) Satisfactory | |
| 11. Safety and Warning Decals | (SAT) Satisfactory | P11 |
| 12. Operators Manual | (SAT) Satisfactory | |
| 13. Equipment Modification(s) or Additions | (SAT) Satisfactory | |
































Safety Devices & Operational Aids

- | | |
|----------------------------------|--------------------|
| 14. Backup Alarm | (SAT) Satisfactory |
| 15. Audible Warning Device | (SAT) Satisfactory |
| 16. Boom Angle Indicator | (SAT) Satisfactory |
| 17. Boom Length Indicator | (SAT) Satisfactory |
| 18. Drum Rotation Indicator(s) | (SAT) Satisfactory |
| 19. Anti Two-Block Device/System | (SAT) Satisfactory |


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●	20. Load Moment Indicator (LMI)	(SAT) Satisfactory	
●	21. Load Weight Indicator	(SAT) Satisfactory	
●	22. Radius Indicator	(SAT) Satisfactory	
●	23. Level Indicator(s)	(SAT) Satisfactory	
●	24. Fire Extinguisher	(SAT) Satisfactory	
Load Chart			
●	25. Visible/Accessible	(SAT) Satisfactory	
●	26. Per Configuration	(SAT) Satisfactory	
●	27. Durable/Legible/Secured	(SAT) Satisfactory	
Carrier			
●	28. Steering	(SAT) Satisfactory	
●	29. Parking Brake	(SAT) Satisfactory	
●	30. Exterior Lights (Headlights, Turn Signals, Brake Lights, Reverse Lights)	(SAT) Satisfactory	
●	31. Windshield & Wipers	(SAT) Satisfactory	
●	32. Windows & Mirrors	(SAT) Satisfactory	
●	33. Wheels & Tires	(SAT) Satisfactory	
●	34. Engine	(SAT) Satisfactory	
●	35. Exhaust System	(SAT) Satisfactory	
●	36. Axle Lockout	(SAT) Satisfactory	
●	37. Drive Line	(SAT) Satisfactory	
●	38. Main Frame Members	(SAT) Satisfactory	
●	39. Hoses/Fittings//Valves	(SAT) Satisfactory	
●	40. Hydraulic Tank & Fluid Level	(SAT) Satisfactory	
●	41. Slip Resistant Walking Surfaces	(SAT) Satisfactory	
●	42. Steps/Ladders/Handrails	(SAT) Satisfactory	
Outriggers/Stabilizers			
●	43. Structure & Mounting	(SAT) Satisfactory	
●	44. Boxes & Beams	(SAT) Satisfactory	P44
●	45. Cylinders	(SAT) Satisfactory	P45
●	46. Pads/Floats	(SAT) Satisfactory	
●	47. Hoses/Fittings/Valves	(SAT) Satisfactory	
Operators Station			
●	48. Windows & Wipers	(SAT) Satisfactory	
●	49. Cab Door Restraint	(SAT) Satisfactory	
●	50. Cab Access	(SAT) Satisfactory	
●	51. Steps/Ladders/Handrails	(SAT) Satisfactory	
●	52. Anti-Skid Stepping Surfaces	(SAT) Satisfactory	
●	53. Fire Extinguisher	(SAT) Satisfactory	
●	54. Operator Horn	(REC) Recommendation	
●	55. Controls Identified	(SAT) Satisfactory	
●	56. Control Functions	(SAT) Satisfactory	
●	57. Power Plant Controls	(SAT) Satisfactory	
●	58. Operator Cutoff Switch (Deadman)	(SAT) Satisfactory	
●	59. Brake & Clutch	(SAT) Satisfactory	
●	60. Travel Controls	(SAT) Satisfactory	
●	61. Accelerator/Throttle Control	(SAT) Satisfactory	
●	62. Hoses/Fittings/Valves	(SAT) Satisfactory	
●	63. Housekeeping	(SAT) Satisfactory	

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Rotating Upper Structure					
	64.	Structure	(SAT) Satisfactory	P74	
	65.	Engine	(SAT) Satisfactory		
	66.	Exhaust System/Guards/Insulators	(SAT) Satisfactory		
	67.	Hoses/Fittings/Valves	(SAT) Satisfactory		
	68.	Hydraulic & Pneumatic Pumps	(SAT) Satisfactory		
	69.	Hydraulic Pressure	(SAT) Satisfactory		
	70.	Electrical Wiring	(SAT) Satisfactory		
	71.	Ring & Pinion Gear	(SAT) Satisfactory		
	72.	Swing System/Assembly	(SAT) Satisfactory		
	73.	Counterweight Frame	(SAT) Satisfactory		
	74.	Counterweight Mounting	(SAT) Satisfactory		
Hoist System					
	75.	Brakes & Clutch System	(SAT) Satisfactory		
	76.	Wire Rope Reeving	(SAT) Satisfactory		
	77.	2 Rope Wrap Minimum	(SAT) Satisfactory		
	78.	Hoist Motor	(SAT) Satisfactory		
	79.	Hoses/Fittings/Valves	(SAT) Satisfactory		
	80.	Drums/Lagging/Flanges	(SAT) Satisfactory		
	81.	Anchor System	(SAT) Satisfactory		
	82.	Hoist Spooling	(SAT) Satisfactory		
Main Boom					
	83.	Lift Cylinder(s)	(SAT) Satisfactory	P87	
	84.	Telescoping Boom Cylinder(s)	(SAT) Satisfactory		
	85.	Hoses/Fittings/Valves	(SAT) Satisfactory		
	86.	Holding Device	(SAT) Satisfactory		
	87.	Boom Sections Alignment	(SAT) Satisfactory		
	88.	Wear Pads	(SAT) Satisfactory		
	89.	Sheaves	(SAT) Satisfactory		
	90.	Wire Rope Retainers	(SAT) Satisfactory		
	91.	Boom Hinge Pin	(SAT) Satisfactory		
	92.	Boom Head Section	(SAT) Satisfactory		
	93.	Auxiliary Boom Head	(NA) Not Applicable		
	94.	Structure	(SAT) Satisfactory		
Main Drum Wire Rope					
101. Wire Rope Information					
Diameter		Construction/Type	Number of Parts		
21 mm		non rotation	3		
	102.	Rope Damage	(SAT) Satisfactory		
	103.	Lubrication	(SAT) Satisfactory		
	104.	End Connectors	(SAT) Satisfactory		
Main Hoist Load Block/Headache Ball/Hook					
105. Capacity and Weight					
Capacity		Weight			
30 ton		450 kg.			
	106.	Capacity Marking	(SAT) Satisfactory	P106	
	107.	Weight Marking	(SAT) Satisfactory		
	108.	Sheave(s)	(SAT) Satisfactory		

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109. Safety Latch(es)	(SAT) Satisfactory	P109
110. 0° Hook Bend/Twist	(SAT) Satisfactory	
111. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory	
112. 10% Hook Wear Max	(SAT) Satisfactory	
113. Bearing	(SAT) Satisfactory	
114. Wedge Socket/End Fitting	(SAT) Satisfactory	
115. Reeving	(SAT) Satisfactory	
Auxiliary Drum Wire Rope		
116. Wire Rope Information		
Diameter	Construction/Type	Number of Parts
0	none	0
Verification and Completion		
117. Inspector Name & Signature	Steven Edling	
		
118. Additional Inspection Notes		
119. Sticker Given	(Y) Yes, Given on Site	P119



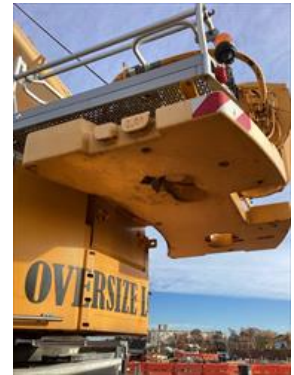
P11.1



P44.2



P45.3



P74.4



P87.5



P106.6



P109.7



P119.8