



Prepared for:

## **Sautter Crane rental**

2900 Black Lake Place Philadelphia, PA 19154

Sautter Yard

on

5/12/2024

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](mailto:tony.rossi@tandemlift.com) or [jon.santimaw@tandemlift.com](mailto: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

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 High  Med  Low Section




Hydraulic Boom Crane Inspection Report (1910.180 & 1926.1400) - <i>Sautter Yard</i>	Telescoping Boom Crane: 067 853 - S319	0	0	0	<b>1.0</b>
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# Overview



## Breakdown by Form

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

## Breakdown by Location

Location	 High	 Med	 Low	# Forms
Sautter Yard	0	0	0	1
<b>Overall:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>

## Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Telescoping Boom Crane	0	0	0	1
<b>Overall:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>

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## Hydraulic Boom Crane Inspection Report (1910.180 & 1926.1400)

FolderID: 051124S319  
 FormID: 20353341

**Sautter Crane rental**  
 2900 Black Lake Place  
 Philadelphia, PA 19154



### Telescoping Boom Crane

**Location:** Sautter Yard  
 2900 Black Lake Place  
 Philadelphia, PA 19154

**Serial Number:** 067 853

**Unit Number:** S319

*Additional Notes: 197 ft boom  
 2 parts of line*

**Manufacturer:** Liebherr

**Model:** LTM 1130-5.1

**Capacity:** 150 Tons

**Length/Lift:** 197'

**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: ● 106 - Good

### General

1. Location of Equipment

Sautter Yard

2. Customer Sign Off

*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*

3. Hours & Mileage

Hours

Mileage

528

39,720

### Inspection Information

4. Inspection Number

051124S319

5. Inspection Date

05/11/2024

● 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

● 12. Operators Manual

(SAT) Satisfactory

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## Safety Devices & Operational Aids

● 13. Backup Alarm	(SAT) Satisfactory
● 14. Audible Warning Device	(SAT) Satisfactory
● 15. Boom Angle Indicator	(SAT) Satisfactory
● 16. Boom Length Indicator	(SAT) Satisfactory
● 17. Drum Rotation Indicator(s)	(SAT) Satisfactory
● 18. Anti Two-Block Device/System	(SAT) Satisfactory
● 19. Load Moment Indicator (LMI)	(SAT) Satisfactory
● 20. Load Weight Indicator	(SAT) Satisfactory
● 21. Radius Indicator	(SAT) Satisfactory
● 22. Level Indicator(s)	(SAT) Satisfactory
● 23. Fire Extinguisher	(SAT) Satisfactory

## Load Chart

● 24. Visible/Accessible	(SAT) Satisfactory
● 25. Per Configuration	(SAT) Satisfactory
● 26. Durable/Legible/Secured	(SAT) Satisfactory

## Carrier

● 27. Steering	(SAT) Satisfactory
● 28. Parking Brake	(SAT) Satisfactory
● 29. Exterior Lights (Headlights, Turn Signals, Brake Lights, Reverse Lights)	(SAT) Satisfactory
● 30. Windshield & Wipers	(SAT) Satisfactory
● 31. Windows & Mirrors	(SAT) Satisfactory
● 32. Wheels & Tires	(SAT) Satisfactory
● 33. Engine	(SAT) Satisfactory
● 34. Exhaust System	(SAT) Satisfactory
● 35. Axle Lockout	(SAT) Satisfactory
● 36. Drive Line	(SAT) Satisfactory
● 37. Main Frame Members	(SAT) Satisfactory
● 38. Hoses/Fittings//Valves	(SAT) Satisfactory
● 39. Hydraulic Tank & Fluid Level	(SAT) Satisfactory
● 40. Slip Resistant Walking Surfaces	(SAT) Satisfactory
● 41. Steps/Ladders/Handrails	(SAT) Satisfactory

## Outriggers/Stabilizers

● 42. Structure & Mounting	(SAT) Satisfactory
● 43. Boxes & Beams	(SAT) Satisfactory
● 44. Cylinders	(SAT) Satisfactory
● 45. Pads/Floats	(SAT) Satisfactory
● 46. Hoses/Fittings//valves	(SAT) Satisfactory


## Operators Station

● 47. Windows & Wipers	(SAT) Satisfactory
● 48. Cab Door Restraint	(SAT) Satisfactory
● 49. Cab Access	(SAT) Satisfactory
● 50. Steps/Ladders/Handrails	(SAT) Satisfactory
● 51. Anti-Skid Stepping Surfaces	(SAT) Satisfactory
● 52. Fire Extinguisher	(SAT) Satisfactory
● 53. Operator Horn	(SAT) Satisfactory
● 54. Controls Identified	(SAT) Satisfactory

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● 55. Control Functions	(SAT) Satisfactory
● 56. Power Plant Controls	(SAT) Satisfactory
● 57. Operator Cutoff Switch (Deadman)	(SAT) Satisfactory
● 58. Brake & Clutch	(NA) Not Applicable
● 59. Travel Controls	(NA) Not Applicable
● 60. Accelerator/Throttle Control	(SAT) Satisfactory
● 61. Hoses/Fittings/Valves	(SAT) Satisfactory
● 62. Housekeeping	(SAT) Satisfactory
<b>Rotating Upper Structure</b>	
● 63. Structure	(SAT) Satisfactory
● 64. Engine	(SAT) Satisfactory
● 65. Exhaust System/Guards/Insulators	(SAT) Satisfactory
● 66. Hoses/Fittings/Valves	(SAT) Satisfactory
● 67. Hydraulic & Pneumatic Pumps	(SAT) Satisfactory
● 68. Hydraulic Pressure	(SAT) Satisfactory
● 69. Electrical Wiring	(SAT) Satisfactory
● 70. Ring & Pinion Gear	(SAT) Satisfactory
● 71. Swing System/Assembly	(SAT) Satisfactory
● 72. Counterweight Frame	(SAT) Satisfactory
● 73. Counterweight Mounting	(SAT) Satisfactory
<b>Hoist System</b>	
● 74. Brakes & Clutch System	(SAT) Satisfactory
● 75. Wire Rope Reeving	(SAT) Satisfactory
■ 2 parts of line	
● 76. 2 Rope Wrap Minimum	(SAT) Satisfactory
● 77. Hoist Motor	(SAT) Satisfactory
● 78. Hoses/Fittings/Valves	(SAT) Satisfactory
● 79. Drums/Lagging/Flanges	(SAT) Satisfactory
● 80. Anchor System	(SAT) Satisfactory
● 81. Hoist Spooling	(SAT) Satisfactory
<b>Main Boom</b>	
● 82. Lift Cylinder(s)	(SAT) Satisfactory
● 83. Telescoping Boom Cylinder(s)	(SAT) Satisfactory
● 84. Hoses/Fittings/Valves	(SAT) Satisfactory
● 85. Holding Device	(SAT) Satisfactory
● 86. Boom Sections Alignment	(SAT) Satisfactory
● 87. Wear Pads	(SAT) Satisfactory
● 88. Sheaves	(SAT) Satisfactory
● 89. Wire Rope Retainers	(SAT) Satisfactory
● 90. Boom Hinge Pin	(SAT) Satisfactory
● 91. Boom Head Section	(SAT) Satisfactory
● 92. Auxiliary Boom Head	(SAT) Satisfactory
● 93. Structure	(SAT) Satisfactory
<b>Jib/Fly Extension</b>	
● 94. Structure	(SAT) Satisfactory
● 95. Locking Devices	(SAT) Satisfactory
● 96. Sheaves	(SAT) Satisfactory

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● 97. Wire Rope Retainers			(SAT) Satisfactory
● 98. Alignment			(SAT) Satisfactory
● 99. End Connectors & Pins			(SAT) Satisfactory
<b>Main Drum Wire Rope</b>			
100. Wire Rope Information			
	Diameter	Construction/Type	Number of Parts
	<b>21.32 mm</b>	<b>Non Rotational</b>	<b>2</b>
● 101. Rope Damage			(SAT) Satisfactory
● 102. Lubrication			(SAT) Satisfactory
● 103. End Connectors			(SAT) Satisfactory
<b>Main Hoist Load Block/Headache Ball/Hook</b>			
104. Capacity and Weight			
	Capacity	Weight	
	<b>30 tons</b>	<b>450 kg</b>	
● 105. Capacity Marking			(SAT) Satisfactory
● 106. Weight Marking			(SAT) Satisfactory
● 107. Sheave(s)			(SAT) Satisfactory
● 108. Safety Latch(es)			(SAT) Satisfactory
● 109. 0° Hook Bend/Twist			(SAT) Satisfactory
● 110. 5% Hook Opening or 1/4" Max			(SAT) Satisfactory
● 111. 10% Hook Wear Max			(SAT) Satisfactory
● 112. Bearing			(SAT) Satisfactory
● 113. Wedge Socket/End Fitting			(SAT) Satisfactory
● 114. Reeving			(SAT) Satisfactory
■	2 parts of line		
<b>Verification and Completion</b>			
115. Inspector Name & Signature			Anthony Capozzi
			
116. Additional Inspection Notes			
● 117. Sticker Given			(Y) Yes, Given on Site

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