



Prepared for:

## **Sautter Crane rental**

2900 Black Lake Place Philadelphia, PA 19154

Sautter Yard

on

3/9/2024

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

# Table of Contents

 High  Med  Low Section




Hydraulic Boom Crane Inspection Report (1910.180 & 1926.1400) - <i>Sautter Yard</i>	Telescoping Boom Crane: 085771 - S317	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: 030924S317  
 FormID: 19709102

**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:** 085771

**Unit Number:** S317

**Manufacturer:** Liebherr

**Model:** LTM1070 4.2

**Capacity:** 80 Tons

**Length/Lift:** 164'

**Type of Crane:** All Terrain Crane

**Number of Hoists:** Main Only

**Boom Configuration:** Main Boom with Stowed Jib

**Load Test:** No

Priorities Found: ● 108 - Good

### General

- |                          |              |
|--------------------------|--------------|
| 1. Location of Equipment | Sautter Yard |
| 2. Customer Sign Off     |              |
| 3. Hours & Mileage       |              |
| Hours                    | Mileage      |
| 3,698                    | 15,527       |

### Inspection Information

- |                      |              |
|----------------------|--------------|
| 4. Inspection Number | 030924S317   |
| 5. Inspection Date   | 03/09/2024   |
| 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  | P10 |
| 11. Safety and Warning Decals                       | (SAT) Satisfactory  |     |
| 12. Operators Manual                                | (SAT) Satisfactory  |     |
| 13. Equipment Modification(s) or Additions          | (NA) Not Applicable |     |

### 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
<b>Load Chart</b>	
● 25. Visible/Accessible	(SAT) Satisfactory
● 26. Per Configuration	(SAT) Satisfactory
● 27. Durable/Legible/Secured	(SAT) Satisfactory
<b>Carrier</b>	
● 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
<b>Outriggers/Stabilizers</b>	
● 43. Structure & Mounting	(SAT) Satisfactory
● 44. Boxes & Beams	(SAT) Satisfactory
● 45. Cylinders	(SAT) Satisfactory
● 46. Pads/Floats	(SAT) Satisfactory
● 47. Hoses/Fittings//Valves	(SAT) Satisfactory
<b>Operators Station</b>	
● 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	(SAT) Satisfactory
● 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

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● 63. Housekeeping	(SAT) Satisfactory
<b>Rotating Upper Structure</b>	
● 64. Structure	(SAT) Satisfactory
● 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
<b>Hoist System</b>	
● 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
<b>Main Boom</b>	
● 83. Lift Cylinder(s)	(SAT) Satisfactory
● 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	(SAT) Satisfactory
● 94. Structure	(SAT) Satisfactory
<b>Jib/Fly Extension</b>	
● 95. Structure	(SAT) Satisfactory
● 96. Locking Devices	(SAT) Satisfactory
● 97. Sheaves	(SAT) Satisfactory
● 98. Wire Rope Retainers	(SAT) Satisfactory
● 99. Alignment	(SAT) Satisfactory
● 100. End Connectors & Pins	(SAT) Satisfactory
<b>Main Drum Wire Rope</b>	
101. Wire Rope Information	
Diameter	Construction/Type
17mm	Number of Parts
	2
● 102. Rope Damage	(SAT) Satisfactory

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● 103. Lubrication	(SAT) Satisfactory
● 104. End Connectors	(SAT) Satisfactory
<b>Main Hoist Load Block/Headache Ball/Hook</b>	
105. Capacity and Weight	
Capacity	Weight
<b>20t</b>	<b>325 KG</b>
● 106. Capacity Marking	(SAT) Satisfactory
● 107. Weight Marking	(SAT) Satisfactory
● 108. Sheave(s)	(SAT) Satisfactory
● 109. Safety Latch(es)	(SAT) Satisfactory
● 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
<b>Verification and Completion</b>	
116. Inspector Name & Signature	Jonathan Santimaw
	
117. Additional Inspection Notes	
<i>Well maintained crane</i>	
● 118. Sticker Given	(Y) Yes, Given on Site



**P10.1**