



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

Sautter Yard

on

8/7/2023

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

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 High  Med  Low Section

Inspection - <i>Sautter Yard</i>	Telescoping Boom Crane: 062 072 - S122	0	0	0	1.0
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Overview



Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Inspection	0	0	0	1
Overall:	0	0	0	1

Breakdown by Location

Location	 High	 Med	 Low	# Forms
Sautter Yard	0	0	0	1
Overall:	0	0	0	1

Breakdown by Asset

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

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Inspection

Sautter Crane rental
 2900 Black Lake Place
 Philadelphia, PA 19154

FolderID: 080723S122
 FormID: 17546820



Telescoping Boom Crane

Location: Sautter Yard

Serial #: 062 072

TagID: S122

*Additional Notes: 164 ft boom
 2 parts of line
 Auxiliary drum not out*

Manufacturer: Liebherr

Model: LTM1090-4.1

Capacity: 100 Tons

Length/Lift: 164'

Hook Type: Load Block & Hook

Priorities Found: ● 127 - Good

Hours and Miles

1. Hours	12,953 Hours
2. Miles	128,677 Miles
3. Hours [COPY]	Hours
4. Hours [COPY]	

General

● 10. External Lights	(SAT) Satisfactory
● 11. Housekeeping	(SAT) Satisfactory
● 12. Safety and Warning Labels	(SAT) Satisfactory
● 13. Hand Signal Chart	(SAT) Satisfactory

Driver's Cab and Station

● 14. Service Brake	(SAT) Satisfactory
● 15. Emergency Brake	(SAT) Satisfactory
● 16. Parking Brake	(SAT) Satisfactory
● 17. External Lights (Headlights, Taillights, Brake Lights)	(SAT) Satisfactory
● 18. Audible Warning Device	(SAT) Satisfactory
● 19. Audible Reverse Signal Alarm	(SAT) Satisfactory
● 20. Windows / Mirrors	(SAT) Satisfactory
● 21. Windshield Wipers	(SAT) Satisfactory
● 22. Windshield Defroster	(SAT) Satisfactory
● 23. Seatbelts	(SAT) Satisfactory
● 24. Tires	(SAT) Satisfactory
● 25. Seat	(SAT) Satisfactory
● 26. Steering	(SAT) Satisfactory
● 27. Housekeeping	(SAT) Satisfactory
● 28. Fire Extinguisher	(SAT) Satisfactory

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Lower Carrier Power Plant		
●	29. Engine Performance	(SAT) Satisfactory
●	30. Exhaust System	(SAT) Satisfactory
●	31. Belts	(SAT) Satisfactory
●	32. Rotating and Reciprocating Parts	(SAT) Satisfactory
Carrier		
●	33. Transmission	(SAT) Satisfactory
●	34. Drive Line	(SAT) Satisfactory
●	35. Tires	(SAT) Satisfactory
●	36. Tire Air Pressure	(SAT) Satisfactory
●	37. Main Frame Members	(SAT) Satisfactory
●	38. Hydraulic Hoses, Fittings, Tubes	(SAT) Satisfactory
●	39. Hydraulic Fluid Level	(SAT) Satisfactory
●	40. Hoses / Tubing / Fittings .	(SAT) Satisfactory
●	41. Slip Resistant Walking surface	(SAT) Satisfactory
●	42. Axle Lockout	(SAT) Satisfactory
●	43. Audible Reverse Signal Alarm	(SAT) Satisfactory
Outriggers		
●	44. Boxes & Beams	(SAT) Satisfactory
●	45. Hydraulic Cylinders	(SAT) Satisfactory
●	46. Pad / Float	(SAT) Satisfactory
●	47. Hoses / Tubing / Fittings	(SAT) Satisfactory
●	48. Holding Valves	(SAT) Satisfactory
●	49. Caution / Warning Signs	(SAT) Satisfactory
Operator's Station		
●	50. Windows	(SAT) Satisfactory
●	51. Windshield Wipers	(SAT) Satisfactory
●	52. Cab Door Restraint	(SAT) Satisfactory
●	53. Cab Access	(SAT) Satisfactory
●	54. Steps / Ladders / Handrails	(SAT) Satisfactory
●	55. Anti-Skid Stepping Surfaces	(SAT) Satisfactory
●	56. Load Chart	(SAT) Satisfactory
●	57. Fire Extinguisher	(SAT) Satisfactory
●	58. Operator's Manual	(SAT) Satisfactory
●	59. Seat	(SAT) Satisfactory
●	60. Seatbelts	(NA) Not Applicable
●	61. Electrocution Warning Sign(s)	(SAT) Satisfactory
●	62. Level	(SAT) Satisfactory
●	63. Horn	(SAT) Satisfactory
●	64. Load Indicator	(SAT) Satisfactory
●	65. Controls Identified	(SAT) Satisfactory
●	66. Control Mechanisms	(SAT) Satisfactory
●	67. Power Plant Controls	(SAT) Satisfactory
●	68. Brake and Clutch	(SAT) Satisfactory
●	69. Travel Brakes	(SAT) Satisfactory
●	70. Travel Controls	(SAT) Satisfactory
●	71. Travel Mechanism	(SAT) Satisfactory

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● 72. Travel Locks	(NA) Not Applicable
Load Chart	
● 73. Ground Level, Remotely Controlled	(SAT) Satisfactory
● 74. Per Configuration	(SAT) Satisfactory
● 75. Visible from Fixed Operator's Station	(SAT) Satisfactory
● 76. Durable / Legible/ Secured	(SAT) Satisfactory
Safety Devices / Operational Aids	
● 77. Boom Angle Indicator	(SAT) Satisfactory
● 78. Boom Length Indicator	(SAT) Satisfactory
● 79. Main Drum Rotation Indicator	(SAT) Satisfactory
● 80. Auxiliary Drum Rotation Indicator	(NA) Not Applicable
● 81. Load Moment Indicator	(SAT) Satisfactory
● 82. Load Weight Indicator	(SAT) Satisfactory
● 83. Radius Indicator	(SAT) Satisfactory
● 84. Level Indicator	(SAT) Satisfactory
● 85. Two-Block System	(SAT) Satisfactory
● 86. Overload Prevention Device	(SAT) Satisfactory
Upper Power Plant	
● 87. Performance	(SAT) Satisfactory
● 88. Exhaust System/Guards & Insulators	(SAT) Satisfactory
● 89. Hoses	(SAT) Satisfactory
● 90. Reciprocating and rotating parts	(SAT) Satisfactory
Rotating Upper Structure	
● 91. Turntable / Bearing	(SAT) Satisfactory
● 92. Turntable / Rollers	(SAT) Satisfactory
● 93. Counterweight Frame	(SAT) Satisfactory
● 94. Ring and Pinion Gear	(SAT) Satisfactory
● 95. Hydraulic and Pneumatic Pumps	(SAT) Satisfactory
● 96. Hydraulic Tubes, Fitting, and Hoses	(SAT) Satisfactory
● 97. Hydraulic Pressure	(SAT) Satisfactory
● 98. Electrical Wiring	(SAT) Satisfactory
● 99. Main Hoist - Brakes and Clutch System	(SAT) Satisfactory
● 100. Main Hoist - Wire Rope Reeving	(SAT) Satisfactory
■ 2 parts of line	
● 101. Main Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory
● 102. Auxiliary Hoist - Brakes and Clutch System	(NA) Not Applicable
● 103. Auxiliary Hoist - Wire Rope Reeving	(NA) Not Applicable
● 104. Auxiliary Hoist - Meets 2 rope wrap minimum	(NA) Not Applicable
● 105. Swing System / Assembly	(SAT) Satisfactory
● 106. Counterweight Mounting	(SAT) Satisfactory
● 107. Counterweight Posted Warnings	(SAT) Satisfactory
● 108. Electrocutation Posted Warnings	(SAT) Satisfactory
Main Boom	
● 114. Lift Cylinder(s)	(SAT) Satisfactory
● 115. Telescoping Boom Cylinder(s)	(SAT) Satisfactory
● 116. Hydraulic Hoses, Tubes, and Fittings	(SAT) Satisfactory
● 117. Holding Device	(SAT) Satisfactory

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● 118. Boom Sections Alignment	(SAT) Satisfactory
● 119. Wear Pads	(SAT) Satisfactory
● 120. Sheaves	(SAT) Satisfactory
● 121. Hoist Line Dead End	(SAT) Satisfactory
● 122. Boom Hinge Pin	(SAT) Satisfactory
● 123. Boom Head Section	(SAT) Satisfactory
● 124. Auxiliary Boom Head	(SAT) Satisfactory
● 125. Structure	(SAT) Satisfactory
Jib	
● 126. Sheaves	(SAT) Satisfactory
● 127. Wire Rope Retainers	(SAT) Satisfactory
● 128. End Connections and Pins	(SAT) Satisfactory
● 129. Wire Rope Retainers.	(SAT) Satisfactory
Manual / Fly Section	
● 130. Alignment	(SAT) Satisfactory
● 131. Locking Device	(SAT) Satisfactory
● 132. Structure	(SAT) Satisfactory
Main Drum Wire Rope	
● 133. Rope Damage	(SAT) Satisfactory
134. Diameter and wear	
Size	Actual diameter measurement
17 mm	17.26 mm
🗨 1 spot on cable measured 16.99 mm.	
● 135. Lubrication	(SAT) Satisfactory
● 136. End Connectors	(SAT) Satisfactory
Auxiliary drum wire rope	
● 153. Rope Damage	(NA) Not Applicable
154. Diameter and wear	
Size	Actual diameter measurement
0	0
● 155. Broken Wires	(NA) Not Applicable
● 156. Lubrication.	(NA) Not Applicable
● 157. End Connectors	(NA) Not Applicable
Load Block & Hook	
● 158. Capacity Marking	(SAT) Satisfactory
● 159. Weight Marking	(SAT) Satisfactory
● 160. Sheave(s)	(SAT) Satisfactory
● 161. Safety Latch(es)	(SAT) Satisfactory
● 162. 0° Hook Bend or Twist	(SAT) Satisfactory
● 163. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
● 164. 10% Hook Wear Max	(SAT) Satisfactory
● 165. Bearing	(SAT) Satisfactory
● 166. Wedge Socket / End Fitting	(SAT) Satisfactory
● 167. Reeving	(SAT) Satisfactory
🗨 2 parts of line	
No-Load Operational Test	
● 176. No-Load Operational Test	(SAT) Satisfactory

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Verification and Completion

177. Inspector Name and Signature

Anthony Capozzi



178. 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.

179. Date of Inspection

08/07/2023

180. Certificate Issued

(Y) Yes