



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

1700 American St

on

10/8/2024

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 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) - 1700 American St	Telescoping Boom Crane: 047 597 - S326	0	2	0	1.0
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Overview

Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)	0	2	0	1
Overall:	0	2	0	1

Breakdown by Location

Location	 High	 Med	 Low	# Forms
1700 American St	0	2	0	1
Overall:	0	2	0	1

Breakdown by Asset

Asset Type	 High	 Med	 Low	# Assets
Telescoping Boom Crane	0	2	0	1
Overall:	0	2	0	1

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Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)

FolderID: 100824S326
 FormID: 21882975

Sautter Crane rental
 2900 Black Lake Place
 Philadelphia, PA 19154



Telescoping Boom Crane

Location: 1700 American St
Serial Number: 047 597
Unit Number: S326
Status: In Service
Description: 11' THK Jib Attached

Manufacturer: Liebherr
Model: LTR 1220
Capacity: 250 tons
Length/Lift: 197'
Type of Crane: Load Block & Hook
Number of Hoists: Main and Auxiliary
Boom Configuration: Main Boom with Erected jib
Load Test: No

Priorities Found: ● 2 - Medium ● 106 - Good

General

- | | |
|--------------------------|------------------|
| 1. Location of Equipment | 1700 American St |
| 2. Customer Sign Off | |
| 3. Hours & Mileage | |
| Hours | Mileage |
| 807 | |

Inspection Information

- | | |
|----------------------|--------------|
| 4. Inspection Number | 100824S326 |
| 5. Inspection Date | 10/08/2024 |
| ● 6. Inspection Type | (Ann) Annual |

Information & Records

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

Safety Devices & Operational Aids

- | | |
|------------------------------|---|
| ● 14. Backup Alarm | (CMS) Check with Manufacturers Specifications |
| ● 15. Audible Warning Device | (SAT) Satisfactory |
| ● 16. Boom Angle Indicator | (SAT) Satisfactory |
| ● 17. Boom Length Indicator | (SAT) Satisfactory |

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● 18. Drum Rotation Indicator(s)	(SAT) Satisfactory
● 19. Anti Two-Block Device/System	(SAT) Satisfactory
● 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
Crawler Assembly	
● 28. Car Body & Side Frames	(SAT) Satisfactory
● 29. Chain & Idler Sprockets	(SAT) Satisfactory
● 30. Crawler Tracks/Pads/Pins	(SAT) Satisfactory
● 31. Travel Steering/Brakes/Locking Devices	(SAT) Satisfactory
● 32. Steering Clutches	(SAT) Satisfactory
Chassis	
33. Windshield & Wipers	
34. Windows & Mirrors	
35. PTO/Hydraulic Pump	
36. Hoses/Fittings/Valves	
37. Brakes	
38. Engine/Drivetrain	
39. Exterior Lights (Head Lights, Turn Signals, Brake Lights, Reverse Lights)	
40. Air Pressure	
41. Instruments & Gauges	
42. Steering	
43. Brakes/Parking Brake	
44. Driveline	
45. Wheels & Tires	
46. Chassis Frame Members	
47. Hydraulic Tank & Fluid Level	
48. Guards & Covers	
49. Engine	
50. Exhaust System/Guards/Insulators	
Carrier	
51. Steering	
52. Parking Brake	
53. Exterior Lights (Headlights, Turn Signals, Brake Lights, Reverse Lights)	
54. Windshield & Wipers	
55. Windows & Mirrors	
56. Wheels & Tires	
57. Engine	
58. Exhaust System	
59. Axle Lockout	
60. Drive Line	


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61. Main Frame Members	
62. Hoses/Fittings//Valves	
63. Hydraulic Tank & Fluid Level	
64. Slip Resistant Walking Surfaces	
65. Steps/Ladders/Handrails	
Outriggers/Stabilizers	
● 66. Structure & Mounting	(SAT) Satisfactory
● 67. Boxes & Beams	(SAT) Satisfactory
● 68. Cylinders	(SAT) Satisfactory
● 69. Pads/Floats	(SAT) Satisfactory
● 70. Hoses/Fittings/Valves	(SAT) Satisfactory
Operators Station	
● 71. Windows & Wipers	(SAT) Satisfactory
● 72. Cab Door Restraint	(SAT) Satisfactory
● 73. Cab Access	(SAT) Satisfactory
● 74. Steps/Ladders/Handrails	(SAT) Satisfactory
● 75. Anti-Skid Stepping Surfaces	(SAT) Satisfactory
● 76. Fire Extinguisher	(SAT) Satisfactory
● 77. Operator Horn	(SAT) Satisfactory
● 78. Controls Identified	(SAT) Satisfactory
● 79. Control Functions	(SAT) Satisfactory
● 80. Power Plant Controls	(SAT) Satisfactory
● 81. Operator Cutoff Switch (Deadman)	(SAT) Satisfactory
● 82. Brake & Clutch	(SAT) Satisfactory
● 83. Travel Controls	(SAT) Satisfactory
● 84. Accelerator/Throttle Control	(SAT) Satisfactory
● 85. Hoses/Fittings/Valves	(SAT) Satisfactory
● 86. Housekeeping	(SAT) Satisfactory
Upper Structure	
87. Turntable	
88. Mounting	
89. Turret	
90. Hydraulic Pump(s)	
91. Hoses/Fittings/Valves	
92. Electrical Wiring	
93. Hoist Brake	
94. Hoist Motor	
95. Hoist Spooling	
96. Hoist-Minimum 2 Rope Wraps	
97. Swing Gearbox	
Rotating Upper Structure	
● 98. Structure	(SAT) Satisfactory
● 99. Engine	(SAT) Satisfactory
● 100. Exhaust System/Guards/Insulators	(SAT) Satisfactory
● 101. Hoses/Fittings/Valves	(SAT) Satisfactory
● 102. Hydraulic & Pneumatic Pumps	(SAT) Satisfactory
● 103. Hydraulic Pressure	(SAT) Satisfactory

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● 104. Electrical Wiring	(SAT) Satisfactory
● 105. Ring & Pinion Gear	(SAT) Satisfactory
● 106. Swing System/Assembly	(SAT) Satisfactory
● 107. Counterweight Frame	(SAT) Satisfactory
● 108. Counterweight Mounting	(SAT) Satisfactory
Hoist System	
● 109. Brakes & Clutch System	(SAT) Satisfactory
● 110. Wire Rope Reeving	(SAT) Satisfactory
● 111. 2 Rope Wrap Minimum	(SAT) Satisfactory
● 112. Hoist Motor	(SAT) Satisfactory
● 113. Hoses/Fittings/Valves	(SAT) Satisfactory
● 114. Drums/Lagging/Flanges	(SAT) Satisfactory
● 115. Anchor System	(SAT) Satisfactory
● 116. Hoist Spooling	(SAT) Satisfactory
Main Boom	
● 117. Lift Cylinder(s)	(SAT) Satisfactory
● 118. Telescoping Boom Cylinder(s)	(SAT) Satisfactory
● 119. Hoses/Fittings/Valves	(SAT) Satisfactory
● 120. Holding Device	(SAT) Satisfactory
● 121. Boom Sections Alignment	(SAT) Satisfactory
● 122. Wear Pads	(SAT) Satisfactory
● 123. Sheaves	(SAT) Satisfactory
● 124. Wire Rope Retainers	(SAT) Satisfactory
● 125. Boom Hinge Pin	(SAT) Satisfactory
● 126. Boom Head Section	(SAT) Satisfactory
● 127. Auxiliary Boom Head	(SAT) Satisfactory
● 128. Structure	(SAT) Satisfactory
Jib/Fly Extension	
● 129. Structure	(SAT) Satisfactory
● 130. Locking Devices	(SAT) Satisfactory
● 131. Sheaves	(SAT) Satisfactory
● 132. Wire Rope Retainers	(SAT) Satisfactory
● 133. Alignment	(SAT) Satisfactory
● 134. End Connectors & Pins	(SAT) Satisfactory
Main Drum Wire Rope	
135. Wire Rope Information	
Diameter	Construction/Type
23mm	right regular lay
	Number of Parts
	3
● 136. Rope Damage	(SAT) Satisfactory
● 137. Lubrication	(SAT) Satisfactory
● 138. End Connectors	(SAT) Satisfactory
Main Hoist Load Block/Headache Ball/Hook	
139. Capacity and Weight	
Capacity	Weight
32 tons	840 kg
● 140. Capacity Marking	(SAT) Satisfactory
● 141. Weight Marking	(SAT) Satisfactory

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● 142. Sheave(s)			(SAT) Satisfactory
● 143. Safety Latch(es)			(SAT) Satisfactory
● 144. 0° Hook Bend/Twist			(SAT) Satisfactory
● 145. 5% Hook Opening or 1/4" Max			(SAT) Satisfactory
● 146. 10% Hook Wear Max			(SAT) Satisfactory
● 147. Bearing			(SAT) Satisfactory
● 148. Wedge Socket/End Fitting			(SAT) Satisfactory
● 149. Reeving			(SAT) Satisfactory
Auxiliary Drum Wire Rope			
150. Wire Rope Information			
	Diameter	Construction/Type	Number of Parts
	23mm	right regular lay	2
● 151. Rope Damage			(SAT) Satisfactory
● 152. Lubrication			(SAT) Satisfactory
● 153. End Connectors			(SAT) Satisfactory
Auxiliary Hoist Load Block/Headache Ball/Hook			
154. Capacity and Weight			
	Capacity	Weight	
	32 tons	840 Kg	
● 155. Capacity Marking			(SAT) Satisfactory
● 156. Weight Marking			(SAT) Satisfactory
● 157. Sheave(s)			(SAT) Satisfactory
● 158. Safety Latch(es)			(SAT) Satisfactory
● 159. 0° Hook Bend/Twist			(SAT) Satisfactory
● 160. 5% Hook Opening or 1/4" Max			(SAT) Satisfactory
● 161. 10% Hook Wear Max			(SAT) Satisfactory
● 162. Bearing			(SAT) Satisfactory
● 163. Wedge Socket/End Fitting			(SAT) Satisfactory
● 164. Reeving			(SAT) Satisfactory
Verification and Completion			
165. Inspector Name & Signature			Chris Volz
			
166. Additional Inspection Notes			
● 167. Sticker Given			(Y) Yes, Given on Site

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