



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

654 Berlin Crosskeys Rd

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 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

Hydraulic Boom Crane Inspection Report (1910.180 & 1926.1400) - 654 Berlin Crosskeys Rd	Telescoping Boom Crane: 083 807 - S321	0	0	0	1.0
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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
Overall:	0	0	0	1

Breakdown by Location

Location	 High	 Med	 Low	# Forms
654 Berlin Crosskeys Rd	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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Hydraulic Boom Crane Inspection Report (1910.180 & 1926.1400)

Sautter Crane rental
 2900 Black Lake Place
 Philadelphia, PA 19154

FolderID: 051124S321
 FormID: 20353337



Telescoping Boom Crane

Location: 654 Berlin Crosskeys Rd

Serial Number: 083 807

Unit Number: S321

*Additional Notes: 125 ft boom
 2 parts of line
 Can't inspect extend and retract cables without
 disassembling boom*

Manufacturer: Liebherr

Model: LTM1050-3.1

Capacity: 60 Tons

Length/Lift: 125'

Type of Crane: All Terrain Crane

Number of Hoists: Main Only

Boom Configuration: Main Boom with Stowed Jib

Load Test: No

Priorities Found: ● 106 - Good

General

1. Location of Equipment **654 Berlin Crosskeys Rd**

2. Customer Sign Off

Please return the entire report.

Customer Sign Off

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Signature

3. Hours & Mileage

Hours	Mileage
2,114	41,827

Inspection Information

4. Inspection Number **051124S321**

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	(SAT) Satisfactory
● 59. Travel Controls	(SAT) Satisfactory
● 60. Accelerator/Throttle Control	(SAT) Satisfactory
● 61. Hoses/Fittings/Valves	(SAT) Satisfactory
● 62. Housekeeping	(SAT) Satisfactory
Rotating Upper Structure	
● 63. Structure	(SAT) Satisfactory
● 64. Engine	(NA) Not Applicable
● 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
Hoist System	
● 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
Main Boom	
● 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	(NA) Not Applicable
● 93. Structure	(SAT) Satisfactory
Jib/Fly Extension	
● 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
Main Drum Wire Rope	
100. Wire Rope Information	
Diameter	Construction/Type
15.69 mm	Non Rotational
	Number of Parts
	2
● 101. Rope Damage	(SAT) Satisfactory
● 102. Lubrication	(SAT) Satisfactory
● 103. End Connectors	(SAT) Satisfactory
Main Hoist Load Block/Headache Ball/Hook	
104. Capacity and Weight	
Capacity	Weight
16 tons	195 kg
● 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	
Verification and Completion	
115. Inspector Name & Signature	Anthony Capozzi
	
116. Additional Inspection Notes	
● 117. Sticker Given	(Y) Yes, Given on Site

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