



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

2583 State Rd

on

3/14/2024

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 Inspection Report (1910.180 & 1926.1400) - 2583 State Rd	Telescoping Boom Crane: 042 766 - S423	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
2583 State 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: 031424S423
 FormID: 19752748



Telescoping Boom Crane

Location: 2583 State Rd
 2583 State Rd
 Bensalem, PA19020

Serial Number: 042 766

Unit Number: S423

*Additional Notes: 226 ft main boom 128 ft luffing jib
 1 part of line
 Auxiliary drum reeved to luffing jib*

Manufacturer: Liebherr

Model: LTM 1450-8.1

Capacity: 550 Tons

Length/Lift: 226' main 128 luffing jib

Type of Crane: All Terrain Crane

Number of Hoists: Main and Auxiliary

Boom Configuration: Main Boom & Luffing Jib Assembled

Load Test: No

Priorities Found: ● 117 - Good

General

1. Location of Equipment **2583 State Road**

2. Customer Sign Off

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 Customer Sign Off
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 -The undersigned verifies that the deficiencies denoted with (DEF, HIGH, RED) have been corrected.*

Signature _____

3. Hours & Mileage

Hours	Mileage
6.3	639

Inspection Information

4. Inspection Number **031524S423**

5. Inspection Date **03/14/2024**

● 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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● 13. Equipment Modification(s) or Additions	(SAT) Satisfactory
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
● 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
Carrier	
● 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
Outriggers/Stabilizers	
● 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
Operators Station	
● 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

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● 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	(NA) Not Applicable
● 61. Accelerator/Throttle Control	(SAT) Satisfactory
● 62. Hoses/Fittings/Valves	(SAT) Satisfactory
● 63. Housekeeping	(SAT) Satisfactory
Rotating Upper Structure	
● 64. Structure	(SAT) Satisfactory
● 65. Engine	(NA) Not Applicable
● 66. Exhaust System/Guards/Insulators	(NA) Not Applicable
● 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
Hoist System	
● 75. Brakes & Clutch System	(SAT) Satisfactory
● 76. Wire Rope Reeving	(SAT) Satisfactory
■ 1 part of line	
● 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
Main Boom	
● 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	(NA) Not Applicable
● 94. Structure	(SAT) Satisfactory
Luffing Boom Attachment	
● 95. Luffing Jib Section Identification	(SAT) Satisfactory
● 96. Luffing Jib Section Sequence	(SAT) Satisfactory

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● 97. Luffing Jib Tip Section			(SAT) Satisfactory
● 98. Luffing Jib Point Sheaves			(SAT) Satisfactory
● 99. Luffing Hoist Line Dead End			(SAT) Satisfactory
● 100. Luffing Jib Warning Decals			(SAT) Satisfactory
● 101. Luffing Jib Foot Keepers & Pins			(SAT) Satisfactory
● 102. Lattice Members			(SAT) Satisfactory
● 103. Cord Members			(SAT) Satisfactory
● 104. End Connections & Pins			(SAT) Satisfactory
● 105. Luffing Jib Angle Indicator			(SAT) Satisfactory
● 106. Luffing Jib Stops			(SAT) Satisfactory
● 107. Luffing Jib Hoist Reeving			(SAT) Satisfactory
● 108. Guard Rails & Walking Surfaces			(SAT) Satisfactory
Main Drum Wire Rope			
109. Wire Rope Information			
	Diameter	Construction/Type	Number of Parts
	25.64	Non Rotational	1
● 110. Rope Damage			(SAT) Satisfactory
● 111. Lubrication			(SAT) Satisfactory
● 112. End Connectors			(SAT) Satisfactory
Main Hoist Load Block/Headache Ball/Hook			
● 113. Capacity Marking			(SAT) Satisfactory
● 114. Weight Marking			(SAT) Satisfactory
● 115. Sheave(s)			(SAT) Satisfactory
● 116. Safety Latch(es)			(SAT) Satisfactory
● 117. 0° Hook Bend/Twist			(SAT) Satisfactory
● 118. 5% Hook Opening or 1/4" Max			(SAT) Satisfactory
● 119. 10% Hook Wear Max			(SAT) Satisfactory
● 120. Bearing			(SAT) Satisfactory
● 121. Wedge Socket/End Fitting			(SAT) Satisfactory
● 122. Reeving			(SAT) Satisfactory
🗨 1 part of line			
Auxiliary Drum Wire Rope			
123. Wire Rope Information			
	Diameter	Constrcution/Type	Number of Parts
	25.56	Non Rotational	N/A
● 124. Rope Damage			(SAT) Satisfactory
● 125. Lubrication			(SAT) Satisfactory
● 126. End Connectors			(SAT) Satisfactory
Auxiliary Hoist Load Block/Headache Ball/Hook			
● 127. Reeving			(SAT) Satisfactory
🗨 Auxiliary drum reeved to luffing jib			
Verification and Completion			
128. Inspector Name & Signature			Anthony Capozzi

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● 129. Sticker Given

(Y) Yes, Given on Site