



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

2583 State Rd

on

2/27/2024

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) - 2583 State Rd | Telescoping Boom Crane: 072 405 - S307 | 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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Tandem Lift LLC
 321 Enlow Place
 Pennsville, NJ 08070
 833-TANDEM1

Hydraulic Boom Crane Inspection Report (1910.180 & 1926.1400)

Sautter Crane rental
 2900 Black Lake Place
 Philadelphia, PA 19154

FolderID: 022724S307
 FormID: 19526071



Telescoping Boom Crane

Location: 2583 State Rd
 2583 State Rd
 Bensalem, PA19020

Serial Number: 072 405

Unit Number: S307

*Additional Notes: 197 ft boom
 3 parts of line
 Load tested to 100 % capacity*

Manufacturer: Liebherr

Model: LTM 1400-7.1

Capacity: 500 Tons

Length/Lift: 197'

Type of Crane: Truck Crane

Number of Hoists: Main Only

Boom Configuration: Main Boom w/o Attached Jib

Load Test: Yes

Priorities Found: ● 98 - Good

General

| | |
|--------------------------|-----------------|
| 1. Location of Equipment | State Road yard |
| 2. Customer Sign Off | |
| 3. Hours & Mileage | |
| Hours | Mileage |
| 2,905 | 14,290 |

Inspection Information

| | |
|----------------------|--------------|
| 4. Inspection Number | 022724S307 |
| 5. Inspection Date | 02/27/2024 |
| ● 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 |
| ● 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 |
| 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. 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 |
| ● 55. Control Functions | (SAT) Satisfactory |
| ● 56. Power Plant Controls | (SAT) Satisfactory |
| ● 57. Operator Cutoff Switch (Deadman) | (SAT) Satisfactory |
| ● 58. Accelerator/Throttle Control | (SAT) Satisfactory |
| ● 59. Hoses/Fittings/Valves | (SAT) Satisfactory |
| Rotating Upper Structure | |
| ● 60. Structure | (SAT) Satisfactory |
| ● 61. Engine | (SAT) Satisfactory |

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| | | |
|---|--------------------------------------|------------------------|
| ● | 62. Exhaust System/Guards/Insulators | (SAT) Satisfactory |
| ● | 63. Hoses/Fittings/Valves | (SAT) Satisfactory |
| ● | 64. Hydraulic & Pneumatic Pumps | (SAT) Satisfactory |
| ● | 65. Hydraulic Pressure | (SAT) Satisfactory |
| ● | 66. Electrical Wiring | (SAT) Satisfactory |
| ● | 67. Ring & Pinion Gear | (SAT) Satisfactory |
| ● | 68. Swing System/Assembly | (SAT) Satisfactory |
| ● | 69. Counterweight Frame | (SAT) Satisfactory |
| ● | 70. Counterweight Mounting | (SAT) Satisfactory |
| Hoist System | | |
| ● | 71. Brakes & Clutch System | (SAT) Satisfactory |
| ● | 72. Wire Rope Reeving | (SAT) Satisfactory |
| ■ | <i>3 parts of line</i> | |
| ● | 73. 2 Rope Wrap Minimum | (SAT) Satisfactory |
| ● | 74. Hoist Motor | (SAT) Satisfactory |
| ● | 75. Hoses/Fittings/Valves | (SAT) Satisfactory |
| ● | 76. Drums/Lagging/Flanges | (SAT) Satisfactory |
| ● | 77. Anchor System | (SAT) Satisfactory |
| ● | 78. Hoist Spooling | (SAT) Satisfactory |
| Main Boom | | |
| ● | 79. Lift Cylinder(s) | (SAT) Satisfactory |
| ● | 80. Telescoping Boom Cylinder(s) | (SAT) Satisfactory |
| ● | 81. Hoses/Fittings/Valves | (SAT) Satisfactory |
| ● | 82. Holding Device | (SAT) Satisfactory |
| ● | 83. Boom Sections Alignment | (SAT) Satisfactory |
| ● | 84. Wear Pads | (SAT) Satisfactory |
| ● | 85. Sheaves | (SAT) Satisfactory |
| ● | 86. Wire Rope Retainers | (SAT) Satisfactory |
| ● | 87. Boom Hinge Pin | (SAT) Satisfactory |
| ● | 88. Boom Head Section | (SAT) Satisfactory |
| ● | 89. Auxiliary Boom Head | (NA) Not Applicable |
| ● | 90. Structure | (SAT) Satisfactory |
| Main Drum Wire Rope | | |
| | 91. Wire Rope Information | |
| | Diameter | Construction/Type |
| | 25.51 mm | 35x7 |
| | | Number of Parts |
| | | 3 parts of line |
| ● | 92. Rope Damage | (SAT) Satisfactory |
| ● | 93. Lubrication | (SAT) Satisfactory |
| ● | 94. End Connectors | (SAT) Satisfactory |
| Main Hoist Load Block/Headache Ball/Hook | | |
| | 95. Capacity and Weight | |
| | Capacity | Weight |
| | 40 metric tons | 1400 kg |
| ● | 96. Capacity Marking | (SAT) Satisfactory |
| ● | 97. Weight Marking | (SAT) Satisfactory |
| ● | 98. Sheave(s) | (SAT) Satisfactory |
| ● | 99. Safety Latch(es) | (SAT) Satisfactory |

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| | |
|------------------------------------|--------------------|
| ● 100. 0° Hook Bend/Twist | (SAT) Satisfactory |
| ● 101. 5% Hook Opening or 1/4" Max | (SAT) Satisfactory |
| ● 102. 10% Hook Wear Max | (SAT) Satisfactory |
| ● 103. Bearing | (SAT) Satisfactory |
| ● 104. Wedge Socket/End Fitting | (SAT) Satisfactory |
| ● 105. Reeving | (SAT) Satisfactory |

3 parts of line

Load Test



P106

| | | | |
|-----------------------------------|------------|------------|-----------------------|
| 106. Load Test 1 | | | |
| Radius | Proof Load | Rated Load | |
| 57' | 25,900 lbs | 25,900 lbs | |
| 107. Load Test 2 | | | |
| Radius | Proof Load | Rated Load | |
| 108. Load Test 3 | | | |
| Radius | Proof Load | Rated Load | |
| 109. Load Test 4 | | | |
| Radius | Proof Load | Rated Load | |
| 110. Load Test 5 | | | |
| Radius | Proof Load | Rated Load | |
| 111. Length of Test(s) | | | 5 minutes |
| 112. Description of Proof Load(s) | | | crane counter weights |
| 113. Basis for Load and Rating | | | load chart |
| 114. Remarks/Limitations | | | |
| ● 115. This Test is for | | | (Ann) Annual |

Verification and Completion

| | |
|---|------------------------|
| 116. Inspector Name & Signature | Anthony Capozzi |
|  | |
| 117. Additional Inspection Notes | |
| ● 118. Sticker Given | (Y) Yes, Given on Site |

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P106.1:



P106.2