



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

2583 State Rd

on

10/31/2023

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

Table of Contents

 High  Med  Low Section

Inspection - 2583 State Rd

Telescoping Boom Crane: 070 918 -
S159

0

3

2

1.0

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Overview



Breakdown by Form

| Form Type |  High |  Med |  Low | # Forms |
|-----------------|--|---|---|----------|
| Inspection | 0 | 3 | 2 | 1 |
| Overall: | 0 | 3 | 2 | 1 |

Breakdown by Location

| Location |  High |  Med |  Low | # Forms |
|-----------------|--|---|---|----------|
| 2583 State Rd | 0 | 3 | 2 | 1 |
| Overall: | 0 | 3 | 2 | 1 |

Breakdown by Asset

| Asset Type |  High |  Med |  Low | # Assets |
|------------------------|--|---|---|----------|
| Telescoping Boom Crane | 0 | 3 | 2 | 1 |
| Overall: | 0 | 3 | 2 | 1 |

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Inspection

Sautter Crane rental
 2900 Black Lake Place
 Philadelphia, PA 19154

FolderID: 103123S159
 FormID: 18301328



Telescoping Boom Crane

Location: 2583 State Rd
 2583 State Rd
 Bensalem, PA19020

Serial #: 070 918

TagID: S159

Status: In Service

Manufacturer: Liebherr

Model: LTM 1250 6.1

Capacity: 300 Tons

Length/Lift: 236'

Hook Type: Load Block & Hook

Priorities Found: ● 3 - Medium ● 2 - Low ● 113 - Good

Hours and Miles

| | |
|-----------------|-------------|
| 1. Hours | 10393 Hours |
| 2. Miles | 53016 Miles |
| 3. Hours [COPY] | |
| 4. Hours [COPY] | |

Historical Records

| | |
|---|--------------------|
| ● 5. Monthly Inspection | (SAT) Satisfactory |
| ● 6. Record of Maintenance | (SAT) Satisfactory |
| ● 7. Documentation of Annual / Comprehensive Inspection | (SAT) Satisfactory |
| ● 8. Equipment Modification(s) or additions | (SAT) Satisfactory |
| ● 9. Record of Load Test | (SAT) Satisfactory |

General

| | |
|---------------------------------|----------------------|
| ● 10. External Lights | (SAT) Satisfactory |
| ● 11. Housekeeping | (SAT) Satisfactory |
| ● 12. Safety and Warning Labels | (MON) Monitor |
| ● 13. Hand Signal Chart | (REC) Recommendation |
| ■ Missing | |

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 |


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| | | | |
|----------------------------------|--------------------------------------|----------------------|-----|
| ● | 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 | |
| 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 | (REC) Recommendation | P54 |
| ■ | <i>Replace handrail</i> | | |
| ● | 55. Anti-Skid Stepping Surfaces | (SAT) Satisfactory | |
| ● | 56. Load Chart | (SAT) Satisfactory | |
| ● | 57. Fire Extinguisher | (NA) Not Applicable | |
| ● | 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 | |

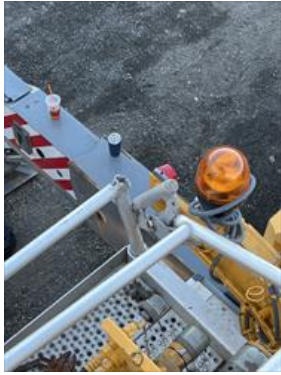
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| | |
|--|---------------------|
| ● 64. Load Indicator | (SAT) Satisfactory |
| ● 65. Controls Identified | (SAT) Satisfactory |
| ● 66. Control Mechanisms | (SAT) Satisfactory |
| 67. Power Plant Controls | |
| 68. Brake and Clutch | |
| 69. Travel Brakes | |
| 70. Travel Controls | |
| 71. Travel Mechanism | |
| 72. Travel Locks | |
| 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 |
| ● 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 |

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| | | |
|--|-----------------------------|------|
| ● 107. Counterweight Posted Warnings | (MON) Monitor | P107 |
| ☐ <i>Color faded both sides</i> | | |
| ● 108. Electrocutation Posted Warnings | (REC) Recommendation | P108 |
| ☐ <i>Color faded both sides</i> | | |
| 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 | |
| ● 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 | (NA) Not Applicable | |
| ● 125. Structure | (SAT) Satisfactory | |
| Main Drum Wire Rope | | |
| ● 133. Rope Damage | (SAT) Satisfactory | |
| 134. Diameter and wear | | |
| Size | Actual diameter measurement | |
| 23mm | .95" | |
| ● 135. Lubrication | (SAT) Satisfactory | |
| ● 136. End Connectors | (SAT) Satisfactory | |
| 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 | |
| ☐ <i>2 parts of line</i> | | |
| No-Load Operational Test | | |
| ● 176. No-Load Operational Test | (SAT) Satisfactory | |
| Verification and Completion | | |
| 177. Inspector Name and Signature | Chris Volz | |
|  | | |
| 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 | 10/31/2023 | |

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P54.1



P107.2



P108.3