



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

Sautter Delaware Yard

on

10/21/2023

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

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 High  Med  Low Section

Inspection - *Sautter Delaware Yard*

Telescoping Boom Crane: 321355 -
S173

0

1


0

1.0



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Overview




Breakdown by Form

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

Breakdown by Location

| Location |  High |  Med |  Low | # Forms |
|-----------------------|--|---|---|----------|
| Sautter Delaware Yard | 0 | 1 | 0 | 1 |
| Overall: | 0 | 1 | 0 | 1 |

Breakdown by Asset

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

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Tandem Lift LLC
 321 Enlow Place
 Pennsville, NJ 08070
 833-TANDEM1

Inspection

Sautter Crane rental
 2900 Black Lake Place
 Philadelphia, PA 19154

FolderID: 102123S173
 FormID: 18217614



Telescoping Boom Crane

Location: Sautter Delaware Yard
 36 Brookhill Drive
 Newark, DE 19702

Serial #: 321355

TagID: S173

Manufacturer: Grove

Model: 5540F

Capacity: 15 Tons

Length/Lift: 41'

Hook Type: Overhaul Ball & Hook

Priorities Found: ● 1 - Medium ● 115 - Good

Hours and Miles

| | |
|-----------------|--------------------|
| 1. Hours | 1,914 Hours |
| 2. Miles | 0 Miles |
| 3. Hours [COPY] | Hours |
| 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 | (NA) Not Applicable |
| ● 9. Record of Load Test | (NA) Not Applicable |

General

| | |
|---------------------------------|---------------------------|
| ● 10. External Lights | (SAT) Satisfactory |
| ● 11. Housekeeping | (SAT) Satisfactory |
| ● 12. Safety and Warning Labels | (SAT) Satisfactory |
| ● 13. Hand Signal Chart | (SAT) Satisfactory |

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 |
| ● 22. Windshield Defroster | (SAT) Satisfactory |

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| | | |
|----------------------------------|--------------------------------------|----------------------|
| ● | 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 | (REC) Recommendation |
| ■ | <i>Front glass wiper arm missing</i> | |
| ● | 52. Cab Door Restraint | (SAT) Satisfactory |
| ● | 53. Cab Access | (SAT) Satisfactory |
| ● | 54. Steps / Ladders / Handrails | (SAT) Satisfactory |
| ● | 55. Anti-Skid Stepping Surfaces | (SAT) Satisfactory |
| ● | 56. Load Chart | (SAT) Satisfactory |
| ● | 57. Fire Extinguisher | (SAT) Satisfactory |
| ● | 58. Operator's Manual | (SAT) Satisfactory |
| ● | 59. Seat | (SAT) Satisfactory |
| ● | 60. Seatbelts | (SAT) Satisfactory |
| ● | 61. Electrocutation Warning Sign(s) | (SAT) Satisfactory |
| ● | 62. Level | (SAT) Satisfactory |
| ● | 63. Horn | (SAT) Satisfactory |
| ● | 64. Load Indicator | (SAT) Satisfactory |

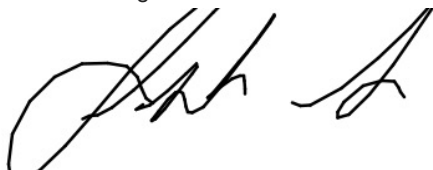
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| | |
|--|---------------------|
| ● 65. Controls Identified | (SAT) Satisfactory |
| ● 66. Control Mechanisms | (SAT) Satisfactory |
| ● 67. Power Plant Controls | (SAT) Satisfactory |
| ● 68. Brake and Clutch | (NA) Not Applicable |
| ● 69. Travel Brakes | (NA) Not Applicable |
| ● 70. Travel Controls | (NA) Not Applicable |
| ● 71. Travel Mechanism | (NA) Not Applicable |
| ● 72. Travel Locks | (NA) Not Applicable |
| 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 | |
| 88. Exhaust System/Guards & Insulators | |
| 89. Hoses | |
| 90. Reciprocating and rotating parts | |
| 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 |
| ● 107. Counterweight Posted Warnings | (SAT) Satisfactory |

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| | |
|---|-----------------------------|
| ● 108. Electrocutation Posted Warnings | (SAT) Satisfactory |
| Crawler Assembly | |
| 109. Carbody And sideframes | |
| 110. Chain and idler sprokets | |
| 111. Track Pads and pins | |
| 112. Travel Steering, Brakes, and Locking devices | |
| 113. Steering Clutches | |
| 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 | |
| Jib | |
| ● 126. Sheaves | (SAT) Satisfactory |
| ● 127. Wire Rope Retainers | (SAT) Satisfactory |
| ● 128. End Connections and Pins | (SAT) Satisfactory |
| ● 129. Wire Rope Retainers. | (SAT) Satisfactory |
| Manual / Fly Section | |
| 130. Alignment | |
| 131. Locking Device | |
| 132. Structure | |
| Main Drum Wire Rope | |
| ● 133. Rope Damage | (SAT) Satisfactory |
| 134. Diameter and wear | |
| Size | Actual diameter measurement |
| 1/2" | .51" |
| ● 135. Lubrication | (SAT) Satisfactory |
| ● 136. End Connectors | (SAT) Satisfactory |
| Luffing Boom Attachment [COPY] | |
| 137. Luffing Jib Section Identification | |
| 138. Luffing Jib Section Sequence | |
| 139. Luffing Jib Tip Section | |
| 140. Luffing jib Warning Decals | |
| 141. Luffing Jib Point Sheaves | |
| 142. Luffing Hoist Line Dead End | |
| 143. Wire Rope Retainers | |
| 144. Luffing Jib Foot Keepers and Pins | |
| 145. Lattice Members | |
| 146. Cord Members | |

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| | |
|--|-----------------------------|
| 147. End Connections and Pins | |
| 148. Luffing Jib Angle Indicator | |
| 149. Guard Rails | |
| 150. Luffing Jib Stops | |
| 151. Walking Surfaces | |
| 152. Luffing Jib Hoist Reeving | |
| Auxiliary drum wire rope | |
| 153. Rope Damage | |
| 154. Diameter and wear | |
| Size | Actual diameter measurement |
| 155. Broken Wires | |
| 156. Lubrication. | |
| 157. End Connectors | |
| Load Block & Hook | |
| 158. Capacity Marking | |
| 159. Weight Marking | |
| 160. Sheave(s) | |
| 161. Safety Latch(es) | |
| 162. 0° Hook Bend or Twist | |
| 163. 5% Hook Opening or 1/4" Max | |
| 164. 10% Hook Wear Max | |
| 165. Bearing | |
| 166. Wedge Socket / End Fitting | |
| 167. Reeving | |
| Overhaul Ball & Hook | |
| ● 168. Capacity Marking | (SAT) Satisfactory |
| ● 169. Weight Marking | (SAT) Satisfactory |
| ● 170. Safety Latches | (SAT) Satisfactory |
| ● 171. 0° Hook Bend or Twist | (SAT) Satisfactory |
| ● 172. 5% Hook Opening or 1/4" Max | (SAT) Satisfactory |
| ● 173. 10% Hook Wear Max | (SAT) Satisfactory |
| ● 174. Swivel / Bearing | (SAT) Satisfactory |
| ● 175. Wedge Socket / End Fitting | (SAT) Satisfactory |
| No-Load Operational Test | |
| ● 176. No-Load Operational Test | (SAT) Satisfactory |
| Verification and Completion | |
| 177. Inspector Name and Signature | Jonathan Santimaw |
|  | |
| 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 | 10/21/2023 |
| ● 180. Certificate Issued | (Y) Yes |

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