



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

Sautter Delaware Yard

on

11/2/2024

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.

William Dauter

11/22/24

Signature

Date

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 High  Med  Low Section

Hydraulic Boom Crane Annual Inspection Report
(1910.180 & 1926.1400) - Sautter Delaware Yard

Telescoping Boom Crane: 321355 -
S173

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Overview

Breakdown by Form

Form Type	High	Med	Low	# Forms
Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)	5	1	0	1
Overall:	5	1	0	1

Breakdown by Location

Location	High	Med	Low	# Forms
Sautter Delaware Yard	5	1	0	1
Overall:	5	1	0	1

Breakdown by Asset

Asset Type	High	Med	Low	# Assets
Telescoping Boom Crane	5	1	0	1
Overall:	5	1	0	1

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

Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)

FolderID: 110224S173
 FormID: 22149927

Sautter Crane rental
 2900 Black Lake Place
 Philadelphia, PA 19154



Telescoping Boom Crane

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

Serial Number: 321355

Unit Number: S173

Status: In Service

Description: Carry Deck

Manufacturer: Grove

Model: 5540F

Capacity: 15 Tons

Length/Lift: 41'

Type of Crane: Overhaul Ball & Hook

Number of Hoists: Main and Auxiliary (Not in Use)

Boom Configuration: Main Boom with Stowed Jib

Load Test: No

Priorities Found: ● 5 - High ● 1 - Medium ● 90 - Good

General

- | | |
|--------------------------|-----------------|
| 1. Location of Equipment | Sautter DE yard |
| 2. Customer Sign Off | |
| 3. Hours & Mileage | |

Hours	Mileage
3.9	

Inspection Information

- | | |
|----------------------|--------------|
| 4. Inspection Number | 110224S173 |
| 5. Inspection Date | 11/02/2024 |
| 6. Inspection Type | (Ann) Annual |

Information & Records

- | | |
|---|--------------------|
| 7. Documentation of Annual/Comprehensive Inspection | |
| 8. Daily/Monthly Inspection Records | |
| 9. Maintenance Records | |
| 10. Hand Signal Chart | (SAT) Satisfactory |
| 11. Safety and Warning Decals | (SAT) Satisfactory |
| 12. Operators Manual | (SAT) Satisfactory |
| 13. Equipment Modification(s) or Additions | |

Safety Devices & Operational Aids



- | | | |
|---|----------------------|-----|
| 14. Backup Alarm | (DEF) Deficiency | |
| 15. Audible Warning Device | (DEF) Deficiency | |
| 16. Boom Angle Indicator | (REC) Recommendation | P16 |
| <input type="checkbox"/> Boom angle indicator on LMI accurate. Label on side of boom needs to be replaced | | |
| 17. Boom Length Indicator | (NA) Not Applicable | |
| 18. Drum Rotation Indicator(s) | (NA) Not Applicable | |

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● 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	
Crawler Assembly		
28. Car Body & Side Frames		
29. Chain & Idler Sprockets		
30. Crawler Tracks/Pads/Pins		
31. Travel Steering/Brakes/Locking Devices		
32. Steering Clutches		
Chassis		
33. Windshield & Wipers		
34. Windows & Mirrors		
35. PTO/Hydraulic Pump		
36. Hoses/Fittings/Valves		
37. Brakes		
38. Engine/Drivetrain		
39. Exterior Lights (Head Lights, Turn Signals, Brake Lights, Reverse Lights)		
40. Air Pressure		
41. Instruments & Gauges		
42. Steering		
43. Brakes/Parking Brake		
44. Driveline		
45. Wheels & Tires		
46. Chassis Frame Members		
47. Hydraulic Tank & Fluid Level		
48. Guards & Covers		
49. Engine		
50. Exhaust System/Guards/Insulators		
Carrier		
● 51. Steering	(SAT) Satisfactory	
● 52. Parking Brake	(SAT) Satisfactory	
● 53. Exterior Lights (Headlights, Turn Signals, Brake Lights, Reverse Lights)	(SAT) Satisfactory	
● 54. Windshield & Wipers	(DEF) Deficiency	P54
● 55. Windows & Mirrors	(SAT) Satisfactory	
● 56. Wheels & Tires	(SAT) Satisfactory	
● 57. Engine	(SAT) Satisfactory	
● 58. Exhaust System	(SAT) Satisfactory	
● 59. Axle Lockout	(SAT) Satisfactory	
● 60. Drive Line	(SAT) Satisfactory	
● 61. Main Frame Members	(SAT) Satisfactory	


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● 62. Hoses/Fittings/Valves	(SAT) Satisfactory	
● 63. Hydraulic Tank & Fluid Level	(SAT) Satisfactory	
● 64. Slip Resistant Walking Surfaces	(SAT) Satisfactory	
● 65. Steps/Ladders/Handrails	(SAT) Satisfactory	
Outriggers/Stabilizers		
● 66. Structure & Mounting	(SAT) Satisfactory	
● 67. Boxes & Beams	(SAT) Satisfactory	
● 68. Cylinders	(SAT) Satisfactory	
● 69. Pads/Floats	(SAT) Satisfactory	
● 70. Hoses/Fittings/Valves	(SAT) Satisfactory	
Operators Station		
● 71. Windows & Wipers	(DEF) Deficiency	P71
● 72. Cab Door Restraint	(SAT) Satisfactory	
● 73. Cab Access	(SAT) Satisfactory	
● 74. Steps/Ladders/Handrails	(SAT) Satisfactory	
● 75. Anti-Skid Stepping Surfaces	(SAT) Satisfactory	
● 76. Fire Extinguisher	(SAT) Satisfactory	
● 77. Operator Horn	(DEF) Deficiency	
● 78. Controls Identified	(SAT) Satisfactory	
● 79. Control Functions	(SAT) Satisfactory	
● 80. Power Plant Controls	(SAT) Satisfactory	
81. Operator Cutoff Switch (Deadman)		
● 82. Brake & Clutch	(SAT) Satisfactory	
● 83. Travel Controls	(SAT) Satisfactory	
● 84. Accelerator/Throttle Control	(SAT) Satisfactory	
● 85. Hoses/Fittings/Valves	(SAT) Satisfactory	
● 86. Housekeeping	(SAT) Satisfactory	
Upper Structure		
● 87. Turntable	(SAT) Satisfactory	
● 88. Mounting	(SAT) Satisfactory	
● 89. Turret	(SAT) Satisfactory	
● 90. Hydraulic Pump(s)	(SAT) Satisfactory	
● 91. Hoses/Fittings/Valves	(SAT) Satisfactory	
● 92. Electrical Wiring	(SAT) Satisfactory	
● 93. Hoist Brake	(SAT) Satisfactory	
● 94. Hoist Motor	(SAT) Satisfactory	
● 95. Hoist Spooling	(SAT) Satisfactory	
● 96. Hoist-Minimum 2 Rope Wraps	(SAT) Satisfactory	
● 97. Swing Gearbox	(SAT) Satisfactory	
Rotating Upper Structure		
98. Structure		
99. Engine		
100. Exhaust System/Guards/Insulators		
101. Hoses/Fittings/Valves		
102. Hydraulic & Pneumatic Pumps		
103. Hydraulic Pressure		
104. Electrical Wiring		

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105. Ring & Pinion Gear		
106. Swing System/Assembly		
● 107. Counterweight Frame		(SAT) Satisfactory
● 108. Counterweight Mounting		(SAT) Satisfactory
Hoist System		
● 109. Brakes & Clutch System		(SAT) Satisfactory
● 110. Wire Rope Reeving		(SAT) Satisfactory
● 111. 2 Rope Wrap Minimum		(SAT) Satisfactory
● 112. Hoist Motor		(SAT) Satisfactory
● 113. Hoses/Fittings/Valves		(SAT) Satisfactory
● 114. Drums/Lagging/Flanges		(SAT) Satisfactory
● 115. Anchor System		(SAT) Satisfactory
● 116. Hoist Spooling		(SAT) Satisfactory
Main Boom		
● 117. Lift Cylinder(s)		(SAT) Satisfactory
● 118. Telescoping Boom Cylinder(s)		(SAT) Satisfactory
● 119. Hoses/Fittings/Valves		(SAT) Satisfactory
● 120. Holding Device		(SAT) Satisfactory
● 121. Boom Sections Alignment		(SAT) Satisfactory
● 122. Wear Pads		(SAT) Satisfactory
● 123. Sheaves		(SAT) Satisfactory
● 124. Wire Rope Retainers		(SAT) Satisfactory
● 125. Boom Hinge Pin		(SAT) Satisfactory
● 126. Boom Head Section		(SAT) Satisfactory
● 127. Auxiliary Boom Head		(NA) Not Applicable
● 128. Structure		(SAT) Satisfactory
Jib/Fly Extension		
129. Structure		
130. Locking Devices		
131. Sheaves		
132. Wire Rope Retainers		
133. Alignment		
134. End Connectors & Pins		
Main Drum Wire Rope		
135. Wire Rope Information		
Diameter	Construction/Type	Number of Parts
1/2"	right regular lay	1
● 136. Rope Damage		(SAT) Satisfactory
● 137. Lubrication		(SAT) Satisfactory
● 138. End Connectors		(SAT) Satisfactory
Main Hoist Load Block/Headache Ball/Hook		
139. Capacity and Weight		
Capacity	Weight	
5 tons	180 lbs	
● 140. Capacity Marking		(SAT) Satisfactory
● 141. Weight Marking		(SAT) Satisfactory
● 142. Sheave(s)		(SAT) Satisfactory

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● 143. Safety Latch(es)	(SAT) Satisfactory
● 144. 0° Hook Bend/Twist	(SAT) Satisfactory
● 145. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
● 146. 10% Hook Wear Max	(SAT) Satisfactory
● 147. Bearing	(SAT) Satisfactory
● 148. Wedge Socket/End Fitting	(SAT) Satisfactory
● 149. Reeving	(NA) Not Applicable
Auxiliary Drum Wire Rope	
150. Wire Rope Information	
Diameter	Construction/Type
	Number of Parts
Verification and Completion	
151. Inspector Name & Signature	Chris Volz
	
152. Additional Inspection Notes	
● 153. Sticker Given	(L) No, Will be Sent After Signature of Deficiencies Corrected



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