



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.

Signature

Date

Table of Contents




 High  Med  Low Section

Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400) - <i>Sautter Delaware Yard</i>	Telescoping Boom Crane: 090 420 - S268	0	2	0	1.0
--	---	---	---	---	------------




Tandem Lift LLC disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Tandem Lift LLC. Tandem Lift LLC shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

Overview




Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)	0	2	0	1
Overall:	0	2	0	1

Breakdown by Location

Location	 High	 Med	 Low	# Forms
Sautter Delaware Yard	0	2	0	1
Overall:	0	2	0	1

Breakdown by Asset

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

Tandem Lift LLC disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Tandem Lift LLC. Tandem Lift LLC shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.



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

Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)

FolderID: 110224S268
 FormID: 22149976

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: 090 420

Unit Number: S268

Status: In Service

Manufacturer: Liebherr

Model: LTM 1090 4.1

Capacity: 110 Tons

Length/Lift: 164'

Type of Crane: Overhaul Ball & Hook

Number of Hoists: Main Only

Boom Configuration: Main Boom with Stowed Jib

Load Test: No

Priorities Found: ● 2 - Medium ● 110 - Good

General

1. Location of Equipment	Sautter DE yard
2. Customer Sign Off	
3. Hours & Mileage	
Hours	Mileage
7344	27077

Inspection Information

4. Inspection Number	110224S268
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	(SAT) Satisfactory
● 15. Audible Warning Device	(REC) Recommendation
☞ Manual horn used during inspection. Horn on joysticks inoperable	
● 16. Boom Angle Indicator	(SAT) Satisfactory
● 17. Boom Length Indicator	(SAT) Satisfactory
● 18. Drum Rotation Indicator(s)	(SAT) Satisfactory

Tandem Lift LLC disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Tandem Lift LLC. Tandem Lift LLC shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

● 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	(SAT) Satisfactory
● 34. Windows & Mirrors	(SAT) Satisfactory
● 35. PTO/Hydraulic Pump	(SAT) Satisfactory
● 36. Hoses/Fittings/Valves	(SAT) Satisfactory
● 37. Brakes	(SAT) Satisfactory
● 38. Engine/Drivetrain	(SAT) Satisfactory
● 39. Exterior Lights (Head Lights, Turn Signals, Brake Lights, Reverse Lights)	(SAT) Satisfactory
● 40. Air Pressure	(SAT) Satisfactory
● 41. Instruments & Gauges	(SAT) Satisfactory
● 42. Steering	(SAT) Satisfactory
● 43. Brakes/Parking Brake	(SAT) Satisfactory
● 44. Driveline	(SAT) Satisfactory
● 45. Wheels & Tires	(SAT) Satisfactory
● 46. Chassis Frame Members	(SAT) Satisfactory
● 47. Hydraulic Tank & Fluid Level	(SAT) Satisfactory
● 48. Guards & Covers	(SAT) Satisfactory
● 49. Engine	(SAT) Satisfactory
● 50. Exhaust System/Guards/Insulators	(SAT) Satisfactory
Carrier	
51. Steering	
52. Parking Brake	
53. Exterior Lights (Headlights, Turn Signals, Brake Lights, Reverse Lights)	
54. Windshield & Wipers	
55. Windows & Mirrors	
56. Wheels & Tires	
57. Engine	
58. Exhaust System	
59. Axle Lockout	
60. Drive Line	
61. Main Frame Members	

Tandem Lift LLC disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Tandem Lift LLC. Tandem Lift LLC shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

62.	Hoses/Fittings//Valves	
63.	Hydraulic Tank & Fluid Level	
64.	Slip Resistant Walking Surfaces	
65.	Steps/Ladders/Handrails	
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	(SAT) Satisfactory
●	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	(REC) Recommendation
■	<i>Horn on joysticks inoperable. Manual horn used during inspection.</i>	
●	78. Controls Identified	(SAT) Satisfactory
●	79. Control Functions	(SAT) Satisfactory
●	80. Power Plant Controls	(SAT) Satisfactory
●	81. Operator Cutoff Switch (Deadman)	(SAT) Satisfactory
●	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	(SAT) Satisfactory
●	99. Engine	(SAT) Satisfactory
●	100. Exhaust System/Guards/Insulators	(NA) Not Applicable
●	101. Hoses/Fittings/Valves	(SAT) Satisfactory
●	102. Hydraulic & Pneumatic Pumps	(SAT) Satisfactory
●	103. Hydraulic Pressure	(SAT) Satisfactory

Tandem Lift LLC disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Tandem Lift LLC. Tandem Lift LLC shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

● 104. Electrical Wiring	(SAT) Satisfactory
● 105. Ring & Pinion Gear	(SAT) Satisfactory
● 106. Swing System/Assembly	(SAT) Satisfactory
● 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	(SAT) Satisfactory
● 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
17mm	right regular lay
	Number of Parts
	2
● 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
16 tons	300 kg
● 140. Capacity Marking	(SAT) Satisfactory
● 141. Weight Marking	(SAT) Satisfactory

Tandem Lift LLC disclaims all warranties, both express and implied, relating to the information, reports, opinions and analysis disclosed to the Customer by Tandem Lift LLC. Tandem Lift LLC shall not be liable for any errors or omissions, or any losses, injury or damages arising from the use of such information, reports, opinions and analysis by the Customer.

● 142. Sheave(s)	(SAT) Satisfactory
● 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	(SAT) Satisfactory

Verification and Completion



150. Inspector Name & Signature

Chris Volz

151. Additional Inspection Notes

● 152. Sticker Given (Y) Yes, Given on Site P191



P191.1