



Prepared for:

## **Sautter Crane rental**

2900 Black Lake Place Philadelphia, PA 19154

Sautter Delaware Yard

on

1/11/2025

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](mailto:tony.rossi@tandemlift.com) or [jon.santimaw@tandemlift.com](mailto: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

Annual Inspection Report - <i>Sautter Delaware Yard</i>	Telescoping Boom Crane: <i>056 785 - S292</i>	0	0	0	<b>1.0</b>
---	---	---	---	---	------------




---

# Overview




## Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Annual Inspection Report	0	0	0	1
Overall:	0	0	0	1

## Breakdown by Location

Location	 High	 Med	 Low	# Forms
Sautter Delaware Yard	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

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

## Annual Inspection Report

**Sautter Crane rental**  
2900 Black Lake Place  
Philadelphia, PA 19154

FolderID: 011125S292  
FormID: 22996737



### Telescoping Boom Crane

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

**Serial Number:** 056 785

**Unit Number:** S292

**Status:** In Service

**Manufacturer:** Liebherr

**Model:** LTC 1050-3.1

**Capacity:** 50 Tons

**Length/Lift:** 118'

**Type of Crane:** Load Block & Hook

**Number of Hoists:** Main Only

**Boom Configuration:** Main Boom with Stowed Jib

**Load Test:** No

Priorities Found: ● 121 - Good

### Hours and Miles

1. Hours	2,751 Hours
2. Miles	33,156 Miles
3. Hours [COPY]	0 Hours
4. Hours [COPY]	0 Hours

### 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	P13

### 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

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.

● 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
<b>Lower Carrier Power Plant</b>		
● 29.	Engine Performance	(SAT) Satisfactory
● 30.	Exhaust System	(SAT) Satisfactory
● 31.	Belts	(SAT) Satisfactory
● 32.	Rotating and Reciprocating Parts	(SAT) Satisfactory
<b>Carrier</b>		
● 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
<b>Outriggers</b>		
● 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
<b>Operator's Station</b>		
● 50.	Windows	(SAT) Satisfactory
● 51.	Windshield Wipers	(SAT) Satisfactory
● 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.	Electrocution Warning Sign(s)	(SAT) Satisfactory
● 62.	Level	(SAT) Satisfactory
● 63.	Horn	(SAT) Satisfactory
● 64.	Load Indicator	(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.

● 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
<b>Load Chart</b>	
● 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
<b>Safety Devices / Operational Aids</b>	
● 77. Boom Angle Indicator	(SAT) Satisfactory
● 78. Boom Length Indicator	(SAT) Satisfactory
● 79. Main Drum Rotation Indicator	(SAT) Satisfactory
● 80. Auxiliary Drum Rotation Indicator	(SAT) Satisfactory
● 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
<b>Rotating Upper Structure</b>	
● 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
■ 2 parts	
● 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
● 108. Electrocution Posted Warnings	(SAT) Satisfactory
<b>Main Boom</b>	
● 114. Lift Cylinder(s)	(SAT) Satisfactory
● 115. Telescoping Boom Cylinder(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.

● 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	(SAT) Satisfactory
● 125. Structure	(SAT) Satisfactory
<b>Jib</b>	
● 126. Sheaves	(SAT) Satisfactory
● 127. Wire Rope Retainers	(SAT) Satisfactory
● 128. End Connections and Pins	(SAT) Satisfactory
● 129. Wire Rope Retainers.	(SAT) Satisfactory
<b>Main Drum Wire Rope</b>	
● 133. Rope Damage	(SAT) Satisfactory
134. Diameter and wear	
Size	Actual diameter measurement
15mm	15.5mm
● 135. Lubrication	(SAT) Satisfactory
● 136. End Connectors	(SAT) Satisfactory
<b>Auxiliary drum wire rope</b>	
● 153. Rope Damage	(NA) Not Applicable
Not in use	
154. Diameter and wear	
Size	Actual diameter measurement
0	0
● 155. Broken Wires	(NA) Not Applicable
● 156. Lubrication.	(NA) Not Applicable
● 157. End Connectors	(NA) Not Applicable
<b>Load Block &amp; Hook</b>	
● 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
<b>No-Load Operational Test</b>	
● 176. No-Load Operational Test	(SAT) Satisfactory
<b>Verification and Completion</b>	
177. Inspector Name and Signature	Jonathan Santimaw

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.



*[Handwritten Signature]*

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

01/11/2025

● 180. Certificate Issued

(Y) Yes P180



P13.1



P158.2



P180.3