



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 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




Annual Inspection Report - <i>Sautter Delaware Yard</i>	Telescoping Boom Crane: 093074 - S304	0	0	0	1.0
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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

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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: 011125S304
FormID: 22996736



Telescoping Boom Crane

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

Serial Number: 093074

Unit Number: S304

Status: In Service

Manufacturer: Liebherr

Model: LTM 1100 5.2

Capacity: 110 Tons

Length/Lift: 171'

Type of Crane: Load Block & Hook

Number of Hoists: Main Only

Boom Configuration: Main Boom with Stowed Jib

Load Test: No

Priorities Found: ● 123 - Good

Hours and Miles

1. Hours	2,663 Hours
Upper	
2. Miles	24,044 Miles
3. Hours [COPY]	1321 Hours
Lower	
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	P12
● 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

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● 20.	Windows / Mirrors	(SAT) Satisfactory
● 21.	Windshield Wipers	(SAT) Satisfactory
● 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	(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

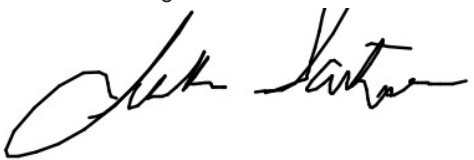
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● 63.	Horn	(SAT) Satisfactory
● 64.	Load Indicator	(SAT) Satisfactory
● 65.	Controls Identified	(SAT) Satisfactory
● 66.	Control Mechanisms	(SAT) Satisfactory
● 67.	Power Plant Controls	(SAT) Satisfactory
● 68.	Brake and Clutch	(NA) Not Applicable
● 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	(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
■	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

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● 105. Swing System / Assembly	(SAT) Satisfactory
● 106. Counterweight Mounting	(SAT) Satisfactory
● 107. Counterweight Posted Warnings	(SAT) Satisfactory
● 108. Electrocution Posted Warnings	(SAT) Satisfactory
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	(SAT) Satisfactory
● 125. Structure	(SAT) Satisfactory
Jib	
● 126. Sheaves	(SAT) Satisfactory
● 127. Wire Rope Retainers	(SAT) Satisfactory
● 128. End Connections and Pins	(SAT) Satisfactory
● 129. Wire Rope Retainers.	(SAT) Satisfactory
Main Drum Wire Rope	
● 133. Rope Damage	(SAT) Satisfactory
134. Diameter and wear	
Size	Actual diameter measurement
21mm	21.7mm
● 135. Lubrication	(SAT) Satisfactory
● 136. End Connectors	(SAT) Satisfactory
Auxiliary drum wire rope	
● 153. Rope Damage	(NA) Not Applicable
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
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

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● 167. Reeving	(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	01/11/2025
● 180. Certificate Issued	(Y) Yes P180



P12.1



P12.2



P180.3