



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

1501 Moran Road Sterling VA.

on

11/11/2025

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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Inspection - 1501 Moran Road Sterling VA.

Lattice Boom Crane: 138307 - S228

 High  Med  Low Section

0 0 0 **1.0**

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Overview

Breakdown by Form

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

Breakdown by Location

Location	High	Med	Low	# Forms
1501 Moran Road Sterling VA.	0	0	0	1
Overall:	0	0	0	1

Breakdown by Asset

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

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Inspection

Sautter Crane rental
2900 Black Lake Place
Philadelphia, PA 19154

FolderID: 111125S228
FormID: 26563696



Lattice Boom Crane
Completed by: Steve Edling on 11/11/2025
Location: 1501 Moran Road Sterling VA.
Serial #: 138307
TagID: S228
Status: In Service

Manufacturer:	Liebherr
Model:	LR 1300 SX
Capacity:	330 Tons
Length/Lift:	95' Main 135' Luffing Jib
Hook Type:	Load Block & Hook
Hook Type 2:	Load Block & Hook

Priorities Found: ● 147 - Good

Miles and Hours

1. Miles	0 Miles
2. Hours	11,382.28 Hours

Historical Records

● 3. Monthly Inspection	(SAT) Satisfactory
● 4. Documentation of Annual / Comprehensive Inspection	(SAT) Satisfactory
● 5. Equipment Modification(s) or additions	(SAT) Satisfactory
● 6. Record of Maintenance	(SAT) Satisfactory
● 7. Record of Load Test	(NA) Not Applicable

General

● 8. Sheet Metal	(SAT) Satisfactory
● 9. Covers and Guards	(SAT) Satisfactory
● 10. External Lights	(SAT) Satisfactory
● 11. Housekeeping	(SAT) Satisfactory
● 12. Safety and Warning Labels	(SAT) Satisfactory
● 13. Hand Signal Chart	(SAT) Satisfactory
	P13

Crawler Assembly

● 49. Car body/ Side frames	(SAT) Satisfactory
● 50. Chain, idlers and Sprocket	(SAT) Satisfactory
● 51. Track Pads, and Pins	(SAT) Satisfactory
● 52. Travel Steering, Brakes, and Locking Devices	(NA) Not Applicable
● 53. Steering Clutches	(NA) Not Applicable

Operator's Station

● 54. Steps / Ladders / Handrails	(SAT) Satisfactory
● 55. Anti-Skid Stepping Surfaces	(SAT) Satisfactory
● 56. Windows	(SAT) Satisfactory

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57. Windshield Wipers	(SAT) Satisfactory	P57
58. Cab Door Restraint	(SAT) Satisfactory	
59. Fire Extinguisher	(SAT) Satisfactory	
60. Mirrors	(SAT) Satisfactory	
61. Seat	(SAT) Satisfactory	
62. Seatbelts	(SAT) Satisfactory	
63. Operator's Manual	(SAT) Satisfactory	
64. Decals	(SAT) Satisfactory	
65. Electrocution Warning Sign(inside the cab)	(SAT) Satisfactory	
66. Hand Signal Charts	(SAT) Satisfactory	P66
67. Swing Brake	(SAT) Satisfactory	
68. Positive Swing lock	(SAT) Satisfactory	
69. Control Function	(SAT) Satisfactory	
70. Air Pressure	(NA) Not Applicable	
71. Performance Indicators (Pressure)	(SAT) Satisfactory	
72. Posted Warnings	(SAT) Satisfactory	
73. Brake and Clutch	(NA) Not Applicable	
74. Accelerator / Throttle	(SAT) Satisfactory	
75. Foot Brakes, Latches, and Linkage	(SAT) Satisfactory	

Load Chart

76. Ground Level, Remotely Controlled	(NA) Not Applicable
77. Per Configuration	(SAT) Satisfactory
78. Visible from Fixed Operator's Station	(SAT) Satisfactory
79. Durable / Legible/ Secured	(SAT) Satisfactory

Safety Devices / Operational Aids

80. Horn	(SAT) Satisfactory
81. Boom Angle Indicator	(SAT) Satisfactory
82. Main Drum rotation indicator	(SAT) Satisfactory
83. Auxiliary Drum rotation indicator	(SAT) Satisfactory
84. Radius Indicator	(SAT) Satisfactory
85. Crane Level Indicator	(SAT) Satisfactory
86. Two-Block System	(SAT) Satisfactory
87. Boom Hoist Limiting Device	(SAT) Satisfactory
88. Boom Hoist Ratchet and Pawl	(SAT) Satisfactory
89. Outrigger / Stabilizer Position Sensor	(NA) Not Applicable
90. Luffing Jib Angle Indicator	(SAT) Satisfactory

Upper Power Plant

91. Performance	(SAT) Satisfactory
92. Exhaust System/Guards & Insulators	(SAT) Satisfactory
93. Hoses	(SAT) Satisfactory
94. Reciprocating and rotating parts	(SAT) Satisfactory

Rotating Upper Structure

95. Turntable / Bearing	(SAT) Satisfactory
96. Turntable / Rollers	(NA) Not Applicable
97. Ring and Pinion Gear	(SAT) Satisfactory
98. Ring and Pinion Gear.	(SAT) Satisfactory
99. Hydraulic and Pneumatic Pumps	(SAT) Satisfactory
100. Hydraulic Tubes, Fitting, and Hoses	(SAT) Satisfactory

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● 101. Hydraulic Pressure	(SAT) Satisfactory
● 102. Electrical Wiring	(SAT) Satisfactory
● 103. Main Hoist - Brakes and Clutch System	(SAT) Satisfactory
● 104. Main Hoist - Wire Rope Reeling	(SAT) Satisfactory
● 105. Main Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory
● 106. Auxiliary Hoist - Brakes and Clutch System	(SAT) Satisfactory
● 107. Auxiliary Hoist - Wire Rope Reeling	(SAT) Satisfactory
● 108. Auxiliary Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory
● 109. Boom Hoist - Brakes and Clutch System	(SAT) Satisfactory
● 110. Boom Hoist - Wire Rope Reeling	(SAT) Satisfactory
● 111. Boom Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory
● 112. Swing System / Assembly	(SAT) Satisfactory
● 113. Hydraulic and Pneumatic Pumps and Motors	(SAT) Satisfactory
● 114. Drums and Flanges	(SAT) Satisfactory
● 115. Clutch and Brake Protection	(NA) Not Applicable
● 116. Torque Converter	(NA) Not Applicable
● 117. Slip resistant walking and stepping surfaces	(SAT) Satisfactory
● 118. Steps, Grab rails, and platforms	(SAT) Satisfactory
● 119. Access to Cab and Roof	(SAT) Satisfactory
● 120. Air System	(NA) Not Applicable
● 121. Counterweight Mounting	(SAT) Satisfactory
● 122. Counterweight Warnings Signs	(SAT) Satisfactory
● 123. Electrocution Warnings Signs	(SAT) Satisfactory

Boom Support System

● 124. Gantry and Mast	(SAT) Satisfactory	P124
● 125. Boom Stops	(SAT) Satisfactory	
● 126. Inner Bail	(SAT) Satisfactory	P126
● 127. Outer Bail and Equalizer	(SAT) Satisfactory	P127
● 128. Sheaves	(SAT) Satisfactory	
● 129. Boom Hoist Wire Rope Reeling	(SAT) Satisfactory	

Boom

● 130. Boom Section Identification	(SAT) Satisfactory	
● 131. Boom Section Sequence	(SAT) Satisfactory	
● 132. Boom Section Alignment	(SAT) Satisfactory	
● 133. Warning Labels and Decals	(SAT) Satisfactory	
● 134. Spreader Bar	(NA) Not Applicable	
● 135. Sheaves	(SAT) Satisfactory	
● 136. Boom Head Section	(SAT) Satisfactory	
● 137. Auxiliary Boom Head	(NA) Not Applicable	
● 138. Lattice Members	(SAT) Satisfactory	
● 139. Cord Members	(SAT) Satisfactory	
● 140. End Connections/Pins	(SAT) Satisfactory	
● 141. Boom Foot Pins and Keepers	(SAT) Satisfactory	
● 142. Hoist Line Dead End	(SAT) Satisfactory	
● 143. Wire Rope Retainers	(SAT) Satisfactory	

Luffing Boom Attachment

● 150. Luffing Jib Section Identification	(SAT) Satisfactory	
● 151. Luffing Jib Section Sequence	(SAT) Satisfactory	

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152. Luffing Jib Tip Section	(SAT) Satisfactory	P152
153. Luffing jib Warning Decals	(SAT) Satisfactory	
154. Luffing Jib Point Sheaves	(SAT) Satisfactory	P154
155. Luffing Hoist Line Dead End	(SAT) Satisfactory	
156. Wire Rope Retainers	(SAT) Satisfactory	
157. Luffing Jib Foot Keepers and Pins	(SAT) Satisfactory	P157
158. Lattice Members	(SAT) Satisfactory	
159. Cord Members	(SAT) Satisfactory	
160. End Connections and Pins	(SAT) Satisfactory	
161. Luffing Jib Angle Indicator	(SAT) Satisfactory	
162. Guard Rails	(SAT) Satisfactory	
163. Luffing Jib Stops	(SAT) Satisfactory	
164. Walking Surfaces	(SAT) Satisfactory	
165. Luffing Jib Hoist Reeling	(SAT) Satisfactory	P165

Wire Rope Main Hoist drum

183. Rope Damage	(SAT) Satisfactory
4 parts	
184. Diameter & Wear	
Size:	Diameter & Wear
28 mm	28.8 mm
185. Broken Wires	(SAT) Satisfactory
186. Lubrication	(SAT) Satisfactory
187. End Connectors	(SAT) Satisfactory
188. End Connectors, Pins, Keepers	(SAT) Satisfactory

Wire rope Auxiliary Drum 1

189. Rope Damage	(SAT) Satisfactory
2 parts	
190. Diameter & Wear	
Size	Diameter / wear
28 mm	28.7 mm
191. Broken Wires	(SAT) Satisfactory
192. Lubrication	(SAT) Satisfactory
193. End Connectors	(SAT) Satisfactory

Wire rope Auxiliary Drum 2

194. Rope Damage	(SAT) Satisfactory
Luffing jib winch	
195. Diameter & Wear	
Size	Diameter & Wear
20 mm	20.7 mm
196. Broken Wires	(SAT) Satisfactory
197. Lubrication	(SAT) Satisfactory
198. End Connectors	(SAT) Satisfactory

Wire rope Auxiliary drum 3

199. Rope Damage	(NA) Not Applicable
200. Measured Wear.	(NA) Not Applicable
201. Diameter & Wear	
Size:	Diameter & Wear
0	0

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202. Broken Wires	(NA) Not Applicable
203. Lubrication	(NA) Not Applicable
204. End Connectors	(NA) Not Applicable
Wire rope Boom Hoist Drum	
205. Rope Damage	(SAT) Satisfactory
206. Diameter & Wear	
Size: 24 mm	Diameter & Wear: 24.7 mm
207. Broken Wires	(SAT) Satisfactory
208. Lubrication	(SAT) Satisfactory
209. End Connectors	(SAT) Satisfactory
Pendants & End connections	
210. Rope Damage.	(NA) Not Applicable
211. Diameter & Wear	
Size: 0	Diameter & Wear 0
Metal bars	
Load Block & Hook	
212. Capacity Marking	(SAT) Satisfactory
213. Weight Marking	(SAT) Satisfactory
214. Sheave(s)	(SAT) Satisfactory
215. Safety Latch(es)	(SAT) Satisfactory
216. 0° Hook Bend or Twist	(SAT) Satisfactory
217. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
218. 10% Hook Wear Max	(SAT) Satisfactory
219. Swivel	(SAT) Satisfactory
220. Bearing	(SAT) Satisfactory
221. Wedge Socket / End Fitting	(SAT) Satisfactory
222. Reeling	(SAT) Satisfactory
Overhaul Ball & Hook	
223. Capacity Marking	(SAT) Satisfactory
224. Weight Marking	(SAT) Satisfactory
225. Safety Latches	(SAT) Satisfactory
226. 0° Hook Bend or Twist	(SAT) Satisfactory
227. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
228. 10% Hook Wear Max	(SAT) Satisfactory
229. Swivel / Bearing	(SAT) Satisfactory
230. Wedge Socket / End Fitting	(SAT) Satisfactory
No-Load Operational Test	
231. No-Load Operational Test	(SAT) Satisfactory
Verification and Completion	
232. Inspector Name and Signature	Steven Edling
	
233. Date of Inspection	11/11/2025
234. Customer Name and Signature	

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P13.1



P49.2



P51.3



P57.4



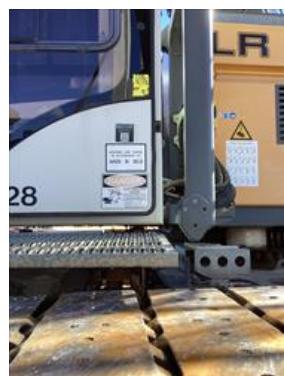
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P81.6



P90.7



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P124.9



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P235.21

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