



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

Robert Wood Johnson

on

12/8/2023

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

Inspection - 337-353 Pennington Rocky Hill Rd	Telescoping Boom Crane: 046 840 - S344	0	0	2	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
Inspection	0	0	2	1
Overall:	0	0	2	1

Breakdown by Location

Location	 High	 Med	 Low	# Forms
337-353 Pennington Rocky Hill Rd	0	0	2	1
Overall:	0	0	2	1

Breakdown by Asset

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



Inspection

Sautter Crane rental
 2900 Black Lake Place
 Philadelphia, PA 19154

FolderID: 120823S344
 FormID: 18668282



Telescoping Boom Crane

Completed by: Christopher Volz on 12/08/2023

Location: 337-353 Pennington Rocky Hill Rd

Serial #: 046 840

TagID: S344

Status: In Service

Description: 93' Main 161' Luffer 385,800 Counterweights

Manufacturer: Liebherr

Model: LTM 1650-8.1

Capacity: 770 Tons

Length/Lift: 177'

Hook Type: Load Block & Hook

Priorities Found: ● 2 - Low ● 125 - Good

Hours and Miles

1. Hours	1483 Hours
2. Miles	6034 Miles
3. Hours [COPY]	
4. Hours [COPY]	

General

● 10. External Lights	(SAT) Satisfactory
● 11. Housekeeping	(SAT) Satisfactory
● 12. Safety and Warning Labels	(SAT) Satisfactory
● 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
● 20. Windows / Mirrors	(MON) Monitor P20
 <i>Slight crack</i>	
● 21. Windshield Wipers	(SAT) Satisfactory
● 22. Windshield Defroster	(SAT) Satisfactory
● 23. Seatbelts	(SAT) Satisfactory
● 24. Tires	(SAT) Satisfactory
● 25. Seat	(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.

● 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	(NA) Not Applicable
● 61. Electrocutation Warning Sign(s)	(SAT) Satisfactory
● 62. Level	(SAT) Satisfactory
● 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


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.

● 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
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
● 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. Electrocutation 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

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.

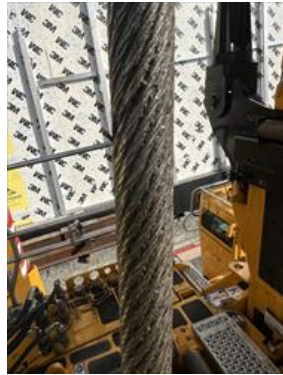
● 121. Hoist Line Dead End	(SAT) Satisfactory
● 122. Boom Hinge Pin	(SAT) Satisfactory
● 123. Boom Head Section	(SAT) Satisfactory
● 124. Auxiliary Boom Head	(NA) Not Applicable
● 125. Structure	(SAT) Satisfactory
Main Drum Wire Rope	
● 133. Rope Damage	(MON) Monitor P133
<ul style="list-style-type: none"> 1 broken wire in 1 strand 	
134. Diameter and wear	
Size	Actual diameter measurement
25mm	1"
● 135. Lubrication	(SAT) Satisfactory
● 136. End Connectors	(SAT) Satisfactory
Luffing Boom Attachment [COPY]	
● 137. Luffing Jib Section Identification	(SAT) Satisfactory
● 138. Luffing Jib Section Sequence	(SAT) Satisfactory
● 139. Luffing Jib Tip Section	(SAT) Satisfactory
● 140. Luffing jib Warning Decals	(SAT) Satisfactory
● 141. Luffing Jib Point Sheaves	(SAT) Satisfactory
● 142. Luffing Hoist Line Dead End	(SAT) Satisfactory
● 143. Wire Rope Retainers	(SAT) Satisfactory
● 144. Luffing Jib Foot Keepers and Pins	(SAT) Satisfactory
● 145. Lattice Members	(SAT) Satisfactory
● 146. Cord Members	(SAT) Satisfactory
● 147. End Connections and Pins	(SAT) Satisfactory
● 148. Luffing Jib Angle Indicator	(SAT) Satisfactory
● 149. Guard Rails	(SAT) Satisfactory
● 150. Luffing Jib Stops	(SAT) Satisfactory
● 151. Walking Surfaces	(SAT) Satisfactory
● 152. Luffing Jib Hoist Reeving	(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

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.

● 166. Wedge Socket / End Fitting	(SAT) Satisfactory
● 167. Reeving 4 parts of line	(SAT) Satisfactory
No-Load Operational Test	
● 176. No-Load Operational Test	(SAT) Satisfactory
Verification and Completion	
177. Inspector Name and Signature	Chris Volz
	
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	12/08/2023
● 180. Certificate Issued	(Y) Yes



P20.1



P133.2