



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

1501 Moran Road Sterling VA.

on

11/4/2025

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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Overview

Breakdown by Form

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

Breakdown by Location

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

Breakdown by Asset

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

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Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)

Sautter Crane rental
2900 Black Lake Place
Philadelphia, PA 19154

FolderID: 110425S246
FormID: 26473495



Telescoping Boom Crane
Completed by: Steve Edling on 11/04/2025
Location: 1501 Moran Road Sterling VA.
Serial Number: 045 124
Unit Number: S246
Status: In Service

Manufacturer:	Liebherr
Model:	LTM 1100-5.2
Capacity:	120 Tons
Length/Lift:	171'
Type of Crane:	All Terrain Crane
Number of Hoists:	Main and Auxiliary (Not in Use)
Boom Configuration:	Main Boom with Stowed Jib
Load Test:	No

Priorities Found: ● 1 - Medium ● 101 - Good

General

1. Location of Equipment
2. Customer Sign Off
3. Hours & Mileage

Hours	Mileage
7157.0	52,231.0

Inspection Information

4. Inspection Number **110425S246**
5. Inspection Date **11/04/2025**
6. Inspection Type **(Ann) Annual**

Information & Records

7. Documentation of Annual/Comprehensive Inspection **(SAT) Satisfactory**
8. Daily/Monthly Inspection Records **(SAT) Satisfactory**
9. Maintenance Records **(SAT) Satisfactory**
10. Hand Signal Chart **(SAT) Satisfactory**
11. Safety and Warning Decals **(SAT) Satisfactory** P11
12. Operators Manual **(SAT) Satisfactory**
13. Equipment Modification(s) or Additions **(SAT) Satisfactory**

Safety Devices & Operational Aids

14. Backup Alarm **(SAT) Satisfactory**
15. Audible Warning Device **(SAT) Satisfactory**
16. Boom Angle Indicator **(SAT) Satisfactory**
17. Boom Length Indicator **(SAT) Satisfactory**
18. Drum Rotation Indicator(s) **(SAT) Satisfactory**
19. Anti Two-Block Device/System **(SAT) Satisfactory**

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● 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

Carrier

● 28. Steering	(SAT) Satisfactory
● 29. Parking Brake	(SAT) Satisfactory
● 30. Exterior Lights (Headlights, Turn Signals, Brake Lights, Reverse Lights)	(SAT) Satisfactory
● 31. Windshield & Wipers	(SAT) Satisfactory
● 32. Windows & Mirrors	(SAT) Satisfactory
● 33. Wheels & Tires	(SAT) Satisfactory
● 34. Engine	(SAT) Satisfactory
● 35. Exhaust System	(SAT) Satisfactory
● 36. Axle Lockout	(SAT) Satisfactory
● 37. Drive Line	(SAT) Satisfactory
● 38. Main Frame Members	(SAT) Satisfactory
● 39. Hoses/Fittings/Valves	(SAT) Satisfactory
● 40. Hydraulic Tank & Fluid Level	(SAT) Satisfactory
● 41. Slip Resistant Walking Surfaces	(SAT) Satisfactory
● 42. Steps/Ladders/Handrails	(SAT) Satisfactory

Outriggers/Stabilizers

● 43. Structure & Mounting	(SAT) Satisfactory
● 44. Boxes & Beams	(SAT) Satisfactory
● 45. Cylinders	(SAT) Satisfactory
● 46. Pads/Floats	(SAT) Satisfactory
● 47. Hoses/Fittings/Valves	(SAT) Satisfactory

Operators Station

● 48. Windows & Wipers	(SAT) Satisfactory
● 49. Cab Door Restraint	(SAT) Satisfactory
● 50. Cab Access	(SAT) Satisfactory
● 51. Steps/Ladders/Handrails	(SAT) Satisfactory
● 52. Anti-Skid Stepping Surfaces	(SAT) Satisfactory
● 53. Fire Extinguisher	(SAT) Satisfactory
● 54. Operator Horn	(REC) Recommendation
● 55. Controls Identified	(SAT) Satisfactory
● 56. Control Functions	(SAT) Satisfactory
● 57. Power Plant Controls	(SAT) Satisfactory
● 58. Operator Cutoff Switch (Deadman)	(SAT) Satisfactory
● 59. Brake & Clutch	(SAT) Satisfactory
● 60. Travel Controls	(SAT) Satisfactory
● 61. Accelerator/Throttle Control	(SAT) Satisfactory
● 62. Hoses/Fittings/Valves	(SAT) Satisfactory
● 63. Housekeeping	(SAT) Satisfactory

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Rotating Upper Structure

64. Structure	(SAT) Satisfactory
65. Engine	(SAT) Satisfactory
66. Exhaust System/Guards/Insulators	(SAT) Satisfactory
67. Hoses/Fittings/Valves	(SAT) Satisfactory
68. Hydraulic & Pneumatic Pumps	(SAT) Satisfactory
69. Hydraulic Pressure	(SAT) Satisfactory
70. Electrical Wiring	(SAT) Satisfactory
71. Ring & Pinion Gear	(SAT) Satisfactory
72. Swing System/Assembly	(SAT) Satisfactory
73. Counterweight Frame	(SAT) Satisfactory
74. Counterweight Mounting	(SAT) Satisfactory

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Hoist System

75. Brakes & Clutch System	(SAT) Satisfactory
76. Wire Rope Reeling	(SAT) Satisfactory
77. 2 Rope Wrap Minimum	(SAT) Satisfactory
78. Hoist Motor	(SAT) Satisfactory
79. Hoses/Fittings/Valves	(SAT) Satisfactory
80. Drums/Lagging/Flanges	(SAT) Satisfactory
81. Anchor System	(SAT) Satisfactory
82. Hoist Spooling	(SAT) Satisfactory

Main Boom

83. Lift Cylinder(s)	(SAT) Satisfactory
84. Telescoping Boom Cylinder(s)	(SAT) Satisfactory
85. Hoses/Fittings/Valves	(SAT) Satisfactory
86. Holding Device	(SAT) Satisfactory
87. Boom Sections Alignment	(SAT) Satisfactory
88. Wear Pads	(SAT) Satisfactory
89. Sheaves	(SAT) Satisfactory
90. Wire Rope Retainers	(SAT) Satisfactory
91. Boom Hinge Pin	(SAT) Satisfactory
92. Boom Head Section	(SAT) Satisfactory
93. Auxiliary Boom Head	(NA) Not Applicable
94. Structure	(SAT) Satisfactory

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Main Drum Wire Rope

101. Wire Rope Information

Diameter	Construction/Type	Number of Parts
21 mm	non rotation	3
102. Rope Damage	(SAT) Satisfactory	
103. Lubrication	(SAT) Satisfactory	
104. End Connectors	(SAT) Satisfactory	

Main Hoist Load Block/Headache Ball/Hook

105. Capacity and Weight

Capacity	Weight
30 ton	450 kg.
106. Capacity Marking	(SAT) Satisfactory
107. Weight Marking	(SAT) Satisfactory
108. Sheave(s)	(SAT) Satisfactory

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● 109. Safety Latch(es)	(SAT) Satisfactory	P109
● 110. 0° Hook Bend/Twist	(SAT) Satisfactory	
● 111. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory	
● 112. 10% Hook Wear Max	(SAT) Satisfactory	
● 113. Bearing	(SAT) Satisfactory	
● 114. Wedge Socket/End Fitting	(SAT) Satisfactory	
● 115. Reeving	(SAT) Satisfactory	

Auxiliary Drum Wire Rope

116. Wire Rope Information

Diameter	Construction/Type	Number of Parts
0	none	0

Verification and Completion

117. Inspector Name & Signature

Steven Edling




118. Additional Inspection Notes

● 119. Sticker Given	(Y) Yes, Given on Site	P119
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