



Prepared for:

Sautter Crane rental

2900 Black Lake Place Philadelphia, PA 19154

2583 State Rd

on

3/9/2025

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

Table of Contents

High

Med


Low

Section




Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400) - 2583 State Rd	Telescoping Boom Crane: 072 405 - S307	0	0	1	1.0
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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	0	1	1
Overall:	0	0	1	1

Breakdown by Location

Location	 High	 Med	 Low	# Forms
2583 State Rd	0	0	1	1
Overall:	0	0	1	1

Breakdown by Asset

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

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Tandem Lift LLC
321 Enlow Place
Pennsville, NJ 08070
833-TANDEM1

Hydraulic Boom Crane Annual Inspection Report (1910.180 & 1926.1400)

Sautter Crane rental
2900 Black Lake Place
Philadelphia, PA 19154

FolderID: 030825S307
FormID: 23669864



Telescoping Boom Crane

Location: 2583 State Rd
2583 State Rd
Bensalem, PA19020

Serial Number: 072 405

Unit Number: S307

*Additional Notes: 197 ft boom
3 parts of line
Jib sections not inspected.*

Manufacturer:	Liebherr
Model:	LTM 1400-7.1
Capacity:	500 Tons
Length/Lift:	197'
Type of Crane:	All Terrain Crane
Number of Hoists:	Main Only
Boom Configuration:	Main Boom w/o Attached Jib
Load Test:	No

Priorities Found: ● 1 - Low ● 105 - Good

General

● 1. Location of Equipment **2583 State Road**

2. Customer Sign Off

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Signature

● 3. Hours & Mileage

Hours

Mileage

3,467

19,136 km

Inspection Information

● 4. Inspection Number **030825S307**

● 5. Inspection Date **03/08/2025**

● 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**

● 12. Operators Manual **(SAT) Satisfactory**


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Safety Devices & Operational Aids			
●	13. Backup Alarm	(SAT) Satisfactory	
●	14. Audible Warning Device	(SAT) Satisfactory	
●	15. Boom Angle Indicator	(SAT) Satisfactory	
●	16. Boom Length Indicator	(SAT) Satisfactory	
●	17. Drum Rotation Indicator(s)	(SAT) Satisfactory	
●	18. Anti Two-Block Device/System	(SAT) Satisfactory	
●	19. Load Moment Indicator (LMI)	(MON) Monitor	P19
 LMI screen has STOP warning flashing. No error codes.			
●	20. Load Weight Indicator	(SAT) Satisfactory	
●	21. Radius Indicator	(SAT) Satisfactory	
●	22. Level Indicator(s)	(SAT) Satisfactory	
●	23. Fire Extinguisher	(SAT) Satisfactory	
Load Chart			
●	24. Visible/Accessible	(SAT) Satisfactory	
●	25. Per Configuration	(SAT) Satisfactory	
●	26. Durable/Legible/Secured	(SAT) Satisfactory	
Carrier			
●	27. Steering	(SAT) Satisfactory	
●	28. Parking Brake	(SAT) Satisfactory	
●	29. Exterior Lights (Headlights, Turn Signals, Brake Lights, Reverse Lights)	(SAT) Satisfactory	
●	30. Windshield & Wipers	(SAT) Satisfactory	
●	31. Windows & Mirrors	(SAT) Satisfactory	
●	32. Wheels & Tires	(SAT) Satisfactory	
●	33. Engine	(SAT) Satisfactory	
●	34. Exhaust System	(SAT) Satisfactory	
●	35. Axle Lockout	(SAT) Satisfactory	
●	36. Drive Line	(SAT) Satisfactory	
●	37. Main Frame Members	(SAT) Satisfactory	
●	38. Hoses/Fittings//Valves	(SAT) Satisfactory	
●	39. Hydraulic Tank & Fluid Level	(SAT) Satisfactory	
●	40. Slip Resistant Walking Surfaces	(SAT) Satisfactory	
●	41. Steps/Ladders/Handrails	(SAT) Satisfactory	
Outriggers/Stabilizers			
●	42. Structure & Mounting	(SAT) Satisfactory	
●	43. Boxes & Beams	(SAT) Satisfactory	
●	44. Cylinders	(SAT) Satisfactory	
●	45. Pads/Floats	(SAT) Satisfactory	
●	46. Hoses/Fittings/Valves	(SAT) Satisfactory	
Operators Station			
●	47. Windows & Wipers	(SAT) Satisfactory	
●	48. Cab Door Restraint	(SAT) Satisfactory	
●	49. Cab Access	(SAT) Satisfactory	
●	50. Steps/Ladders/Handrails	(SAT) Satisfactory	
●	51. Anti-Skid Stepping Surfaces	(SAT) Satisfactory	
●	52. Fire Extinguisher	(SAT) Satisfactory	
●	53. Operator Horn	(SAT) Satisfactory	
●	54. Controls Identified	(SAT) Satisfactory	

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● 55.	Control Functions	(SAT) Satisfactory
● 56.	Power Plant Controls	(SAT) Satisfactory
● 57.	Operator Cutoff Switch (Deadman)	(SAT) Satisfactory
● 58.	Brake & Clutch	(NA) Not Applicable
● 59.	Travel Controls	(NA) Not Applicable
● 60.	Accelerator/Throttle Control	(SAT) Satisfactory
● 61.	Hoses/Fittings/Valves	(SAT) Satisfactory
● 62.	Housekeeping	(SAT) Satisfactory
Rotating Upper Structure		
● 63.	Structure	(SAT) Satisfactory
● 64.	Engine	(SAT) Satisfactory
● 65.	Exhaust System/Guards/Insulators	(SAT) Satisfactory
● 66.	Hoses/Fittings/Valves	(SAT) Satisfactory
● 67.	Hydraulic & Pneumatic Pumps	(SAT) Satisfactory
● 68.	Hydraulic Pressure	(SAT) Satisfactory
● 69.	Electrical Wiring	(SAT) Satisfactory
● 70.	Ring & Pinion Gear	(SAT) Satisfactory
● 71.	Swing System/Assembly	(SAT) Satisfactory
● 72.	Counterweight Frame	(SAT) Satisfactory
● 73.	Counterweight Mounting	(SAT) Satisfactory
Hoist System		
● 74.	Brakes & Clutch System	(SAT) Satisfactory
● 75.	Wire Rope Reeving	(SAT) Satisfactory
●	3 parts of line	
● 76.	2 Rope Wrap Minimum	(SAT) Satisfactory
● 77.	Hoist Motor	(SAT) Satisfactory
● 78.	Hoses/Fittings/Valves	(SAT) Satisfactory
● 79.	Drums/Lagging/Flanges	(SAT) Satisfactory
● 80.	Anchor System	(SAT) Satisfactory
● 81.	Hoist Spooling	(SAT) Satisfactory
Main Boom		
● 82.	Lift Cylinder(s)	(SAT) Satisfactory
● 83.	Telescoping Boom Cylinder(s)	(SAT) Satisfactory
● 84.	Hoses/Fittings/Valves	(SAT) Satisfactory
● 85.	Holding Device	(SAT) Satisfactory
● 86.	Boom Sections Alignment	(SAT) Satisfactory
● 87.	Wear Pads	(SAT) Satisfactory
● 88.	Sheaves	(SAT) Satisfactory
● 89.	Wire Rope Retainers	(SAT) Satisfactory
● 90.	Boom Hinge Pin	(SAT) Satisfactory
● 91.	Boom Head Section	(SAT) Satisfactory
● 92.	Auxiliary Boom Head	(NA) Not Applicable
● 93.	Structure	(SAT) Satisfactory
Main Drum Wire Rope		
● 94.	Wire Rope Information	
	Diameter	Construction/Type
	25.68 mm	Non Rotational
		Number of Parts
		3
● 95.	Rope Damage	(SAT) Satisfactory

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96. Lubrication	(SAT) Satisfactory
97. End Connectors	(SAT) Satisfactory
Main Hoist Load Block/Headache Ball/Hook	
98. Capacity and Weight	
Capacity	Weight
40 tons	1,400 kg
99. Capacity Marking	(SAT) Satisfactory
100. Weight Marking	(SAT) Satisfactory
101. Sheave(s)	(SAT) Satisfactory
102. Safety Latch(es)	(SAT) Satisfactory
103. 0° Hook Bend/Twist	(SAT) Satisfactory
104. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
105. 10% Hook Wear Max	(SAT) Satisfactory
106. Bearing	(SAT) Satisfactory
107. Wedge Socket/End Fitting	(SAT) Satisfactory
108. Reeving	(SAT) Satisfactory
3 parts of line	
Verification and Completion	
109. Inspector Name & Signature	Anthony Capozzi
	
110. Additional Inspection Notes	
111. Sticker Given	(Y) Yes, Given on Site



P19.1