



Prepared for:

**Sautter Crane Rental**

,

on

5/10/2024

# DISCLAIMER

Inspection reports are based upon observed procedures and inspections performed by Atlantic Crane Inspection Services, but are not intended to replace or supersede the necessity for routine or preventative maintenance procedures recommended by others, such as, but not limited to: manufacturers, operators, and other inspecting organizations. Referral to applicable regulation is essential with regard to responsibilities of owners and users for use, maintenance, and normal operational inspections. It is especially important that owners and users, regularly and by means of extraordinary disassembly and/or non-destructive testing arrange to effectively examine parts of the equipment which may be reasonably accessible by routine examinations, including such examinations by Atlantic Crane Inspection Services.

Equipment owners and users should assure continuous compliance with all manufacturer's specifications, including, but not limited to: full range accuracy of load indicating devices, machinery, etc. regardless of the extent to which specifications can be evaluated during Atlantic Crane Inspection Services.

Other requirements of applicable Federal and State regulations not specifically considered with the scope of recorded by related Atlantic Crane Inspections Services' reports, remain for the continuing attention and responsibility of equipment owner and users, including, but not limited to: adequate lighting, walkways, ladders, stairways, clearance between moving and fixed structures, electrical motor restart lockouts, fire extinguishers in the vicinity, etc.



Atlantic Crane Inspection Services  
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## Inspection Sautter Crane Rental

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### Hydraulic Boom Crane Inspection Report (1910.180 & 1926.1400-1926.1441 as necessary)

Completed by: Dylan VanHorn on 05/10/2024

Location: Black Lake Place, Phila., PA  
Serial #: 056 689  
Unit #: S257

Manufacturer:	Liebherr
Model:	LTC 1050-3.1
Capacity:	50 UStons
Length/Lift:	118'
Type of Crane:	Truck Crane (1910.180 & 1926.1400)
Number of Hoists:	Main & Auxiliary (Not in Use)
Boom Configuration:	Main Boom with Stowed Jib

Priorities Found: ● 97 - Good

#### Location of Equipment

1. Location of Equipment **Philadelphia, PA**

#### Customer Sign Off

2. Customer Sign Off

*IF THERE ARE NO DEFICIENCIES NOTHING NEEDS TO BE DONE.*

*IF THERE ARE ANY HIGH, RED, DEFICIENCIES PLEASE FOLLOW THE BELOW INSTRUCTIONS*

*The deficiencies marked HIGH in RED shall be corrected and this report must be dated, signed and email THIS PAGE ONLY to either [jaim@atlanticcrane.com](mailto:jaim@atlanticcrane.com) or [gina@atlanticcrane.com](mailto:gina@atlanticcrane.com) or fax THIS PAGE ONLY to our office at 215-639-2316 and a certification and sticker will be issued. The above 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 safety.*

*The undersigned verifies the listed deficiencies denoted with an (DEF, HIGH, RED) have been corrected.*

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

#### Inspection Information

3. Inspection Number	<b>24051003DV</b>
4. Inspection Date	<b>05/10/2024</b>
5. Inspection Type	<b>(Ann) Annual</b>

#### Information & Records

6. Documentation of Annual / Comprehensive Inspection	<b>(SAT) Satisfactory</b>
7. Hand Signal Chart	<b>(SAT) Satisfactory</b>
8. Safety and Warning Labels	<b>(SAT) Satisfactory</b>
9. Operator's Manual	<b>(SAT) Satisfactory</b>

#### Safety Devices / Operational Aids

10. Audible Reverse Signal Alarm	<b>(SAT) Satisfactory</b>
11. Audible Warning Device	<b>(SAT) Satisfactory</b>
12. Boom Angle Indicator	<b>(SAT) Satisfactory</b>


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● 13. Boom Length Indicator	(SAT) Satisfactory
● 14. Drum Rotation Indicator	(SAT) Satisfactory
● 15. Two-Block System	(SAT) Satisfactory
● 16. Load Moment Indicator	(SAT) Satisfactory
● 17. Load Weight Indicator	(SAT) Satisfactory
● 18. Level Indicator	(SAT) Satisfactory
● 19. Fire Extinguisher	(SAT) Satisfactory
<b>Load Chart</b>	
● 20. Load Chart	(SAT) Satisfactory
● 21. Per Configuration	(SAT) Satisfactory
● 22. Visible from Fixed Operator's Station	(SAT) Satisfactory
<b>Carrier</b>	
● 23. Steering	(SAT) Satisfactory
● 24. Parking Brake	(SAT) Satisfactory
● 25. External Lights (Headlights, Taillights, Brake Lights)	(SAT) Satisfactory
● 26. Windshield Wipers	(SAT) Satisfactory
● 27. Windows / Mirrors	(SAT) Satisfactory
● 28. Wheels/Tires	(SAT) Satisfactory
● 29. Engine Performance	(SAT) Satisfactory
● 30. Exhaust System	(SAT) Satisfactory
● 31. Drive Line	(SAT) Satisfactory
● 32. Main Frame Members	(SAT) Satisfactory
● 33. Hydraulic Hoses, Fittings, Tubes	(SAT) Satisfactory
● 34. Hydraulic Fluid Level	(SAT) Satisfactory
● 35. Hoses / Tubing / Fittings .	(SAT) Satisfactory
● 36. Slip Resistant Walking surface	(SAT) Satisfactory
<b>Outriggers</b>	
● 37. Boxes & Beams	(SAT) Satisfactory
● 38. Hydraulic Cylinders	(SAT) Satisfactory
● 39. Pad / Float	(SAT) Satisfactory
● 40. Hoses / Tubing / Fittings	(SAT) Satisfactory
● 41. Holding Valves	(SAT) Satisfactory
● 42. Caution / Warning Signs	(SAT) Satisfactory
<b>Operator's Station</b>	
● 43. Windows/Wipers	(SAT) Satisfactory
● 44. Cab Door Restraint	(SAT) Satisfactory
● 45. Cab Access	(SAT) Satisfactory
● 46. Steps / Ladders / Handrails	(SAT) Satisfactory
● 47. Anti-Skid Stepping Surfaces	(SAT) Satisfactory
● 48. Fire Extinguisher	(SAT) Satisfactory
● 49. Electrocution Warning Sign(s)	(SAT) Satisfactory
● 50. Horn	(SAT) Satisfactory
● 51. Controls Identified	(SAT) Satisfactory
● 52. Control Functions	(SAT) Satisfactory
● 53. Power Plant Controls	(SAT) Satisfactory
● 54. Operator Cutoff (Deadman) Switch	(SAT) Satisfactory
<b>Rotating Upper Structure</b>	

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● 55.	Counterweight Frame	(SAT) Satisfactory
● 56.	Ring and Pinion Gear	(SAT) Satisfactory
● 57.	Hydraulic and Pneumatic Pumps	(SAT) Satisfactory
● 58.	Hydraulic Tubes, Fitting, and Hoses	(SAT) Satisfactory
● 59.	Hydraulic Pressure	(SAT) Satisfactory
● 60.	Electrical Wiring	(SAT) Satisfactory
● 61.	Swing System / Assembly	(SAT) Satisfactory
● 62.	Counterweight Mounting	(SAT) Satisfactory
● 63.	Counterweight Posted Warnings	(SAT) Satisfactory
● 64.	Electrocution Posted Warnings	(SAT) Satisfactory
● 65.	Structure	(SAT) Satisfactory
<b>Hoist System</b>		
● 66.	Brakes and Clutch System	(SAT) Satisfactory
● 67.	Wire Rope Reeving	(SAT) Satisfactory
● 68.	2 Rope Wrap Minimum	(SAT) Satisfactory
● 69.	Motor	(SAT) Satisfactory
● 70.	Drums/Lagging/Flanges	(SAT) Satisfactory
● 71.	Anchor System	(SAT) Satisfactory
● 72.	Hoist Spooling	(SAT) Satisfactory
<b>Main Boom</b>		
● 73.	Lift Cylinder(s)	(SAT) Satisfactory
● 74.	Telescoping Boom Cylinder(s)	(SAT) Satisfactory
● 75.	Hydraulic Hoses, Tubes, and Fittings	(SAT) Satisfactory
● 76.	Holding Device	(SAT) Satisfactory
● 77.	Boom Sections Alignment	(SAT) Satisfactory
● 78.	Wear Pads	(SAT) Satisfactory
● 79.	Sheaves	(SAT) Satisfactory
● 80.	Boom Hinge Pin	(SAT) Satisfactory
● 81.	Boom Head Section	(SAT) Satisfactory
● 82.	Structure	(SAT) Satisfactory
<b>Jib/Fly Extension</b>		
● 83.	Sheaves	(SAT) Satisfactory
● 84.	Structure	(SAT) Satisfactory
● 85.	Locking Device	(SAT) Satisfactory
● 86.	Alignment	(SAT) Satisfactory
● 87.	End Connections and Pins	(SAT) Satisfactory
<b>Main Drum Wire Rope</b>		
88.	Diameter and wear	
	Size	Construction
	15 mm	Rotation Resistant
		Number of Parts of Line
		2 Parts
● 89.	Rope Damage	(SAT) None Visible at Time of inspection
● 90.	Lubrication	(SAT) Satisfactory
● 91.	End Connectors	(SAT) Satisfactory
<b>Auxiliary drum wire rope</b>		

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92. Diameter and wear		
Size	Construction	Number of Parts of Line
15 mm	Rotation Resistant	N/A
<b>Main Hoist Load Block/Ball &amp; Hook</b>		
93. Capacity & Weight		P100
Capacity	Weight	
16 Tons	195 kg	
94. Capacity Marking		(SAT) Satisfactory
95. Weight Marking		(SAT) Satisfactory
96. Sheave(s)		(SAT) Satisfactory
97. Safety Latch(es)		(SAT) Satisfactory
98. 0° Hook Bend or Twist		(SAT) Satisfactory
99. 5% Hook Opening or 1/4" Max		(SAT) Satisfactory
100. 10% Hook Wear Max		(SAT) Satisfactory
101. Bearing		(SAT) Satisfactory
102. Wedge Socket / End Fitting		(SAT) Satisfactory
103. Reeving		(SAT) Satisfactory
<b>Verification and Completion</b>		
104. Inspector Name and Signature		Dylan VanHorn
		
105. Additional Inspection Notes		
No visible deficiencies found at time of inspection.		
106. Sticker Given	(Y) Yes, Given on Site	P113



P100.1



P113.2