



Prepared for:

Sautter Crane Rental

on

3/20/2025

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: Brian McMahon on 03/20/2025

Location:	USA
Serial #:	047 638
Unit #:	S 393

Manufacturer:	Liebherr
Model:	LTR 1220
Capacity:	250 Tons
Length/Lift:	197'
Type of Crane:	Tele. Crawler (1910.180 & 1926.1400)
Number of Hoists:	Main & Auxiliary
Boom Configuration:	Main Boom w/o Attached Jib

Priorities Found: ● 1 - Medium ● 103 - Good

Location of Equipment

1. Location of Equipment **High Steel, Williamsport, 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 or 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	25032005BM
4. Inspection Date	03/20/2025
● 5. Inspection Type	(Ann) Annual

Information & Records

● 6. Documentation of Annual / Comprehensive Inspection	(SAT) Satisfactory
7. Monthly Inspection <input type="checkbox"/> <i>Not available at the time of inspection</i>	(NOTE) Note
8. Record of Maintenance <input type="checkbox"/> <i>Not available at the time of inspection</i>	(NOTE) Note
● 9. Hand Signal Chart	(SAT) Satisfactory
● 10. Safety and Warning Labels	(SAT) Satisfactory
● 11. Operator's Manual	(SAT) Satisfactory

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Safety Devices / Operational Aids		
●	12. Audible Reverse Signal Alarm	(SAT) Satisfactory
●	13. Audible Warning Device	(SAT) Satisfactory
●	14. Boom Angle Indicator	(SAT) Satisfactory
●	15. Boom Length Indicator	(SAT) Satisfactory
●	16. Drum Rotation Indicator	(SAT) Satisfactory
●	17. Two-Block System	(SAT) Satisfactory
●	18. Load Moment Indicator	(SAT) Satisfactory
●	19. Load Weight Indicator	(SAT) Satisfactory
●	20. Level Indicator	(SAT) Satisfactory
●	21. Fire Extinguisher	(SAT) Satisfactory
Load Chart		
●	22. Load Chart	(SAT) Satisfactory
●	23. Per Configuration	(SAT) Satisfactory
●	24. Visible from Fixed Operator's Station	(SAT) Satisfactory
Crawler Assembly		
●	25. Carbody And sideframes	(SAT) Satisfactory
●	26. Chain and idler sprokets	(SAT) Satisfactory
●	27. Track Pads and pins	(SAT) Satisfactory
●	28. Travel Steering, Brakes, and Locking devices	(SAT) Satisfactory
●	29. Steering Clutches	(SAT) Satisfactory
Outriggers		
●	30. Boxes & Beams	(SAT) Satisfactory
●	31. Hydraulic Cylinders	(SAT) Satisfactory
●	32. Pad / Float	(SAT) Satisfactory
●	33. Hoses / Tubing / Fittings	(SAT) Satisfactory
●	34. Holding Valves	(SAT) Satisfactory
Operator's Station		
●	35. Windows/Wipers	(SAT) Satisfactory
●	36. Cab Door Restraint	(SAT) Satisfactory
●	37. Cab Access	(SAT) Satisfactory
●	38. Steps / Ladders / Handrails	(SAT) Satisfactory
●	39. Anti-Skid Stepping Surfaces	(SAT) Satisfactory
●	40. Fire Extinguisher	(SAT) Satisfactory
●	41. Electrocution Warning Sign(s)	(REC) Recommendation
■	<i>decals in cab are peeling off of glass. recommend replacing.</i>	
●	42. Horn	(SAT) Satisfactory
●	43. Controls Identified	(SAT) Satisfactory
●	44. Control Functions	(SAT) Satisfactory
●	45. Power Plant Controls	(SAT) Satisfactory
●	46. Brake and Clutch	(SAT) Satisfactory
●	47. Travel Brakes	(SAT) Satisfactory
●	48. Travel Controls	(SAT) Satisfactory
●	49. Travel Mechanism	(SAT) Satisfactory
●	50. Travel Locks	(SAT) Satisfactory
●	51. Operator Cutoff (Deadman) Switch	(SAT) Satisfactory
Rotating Upper Structure		
●	52. Engine Performance	(SAT) Satisfactory

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● 53. Exhaust System/Guards & Insulators	(SAT) Satisfactory	
● 54. Hoses	(SAT) Satisfactory	
● 55. Turntable / Bearing	(SAT) Satisfactory	
● 56. Counterweight Frame	(SAT) Satisfactory	
● 57. Ring and Pinion Gear	(SAT) Satisfactory	
● 58. Hydraulic and Pneumatic Pumps	(SAT) Satisfactory	
● 59. Hydraulic Tubes, Fitting, and Hoses	(SAT) Satisfactory	
● 60. Hydraulic Pressure	(SAT) Satisfactory	
● 61. Electrical Wiring	(SAT) Satisfactory	
● 62. Swing System / Assembly	(SAT) Satisfactory	
● 63. Counterweight Mounting	(SAT) Satisfactory	
● 64. Counterweight Posted Warnings	(SAT) Satisfactory	
● 65. Electrocutation Posted Warnings	(SAT) Satisfactory	
● 66. Structure	(SAT) Satisfactory	
Hoist System		
● 67. Brakes and Clutch System	(SAT) Satisfactory	
● 68. Wire Rope Reeving	(SAT) Satisfactory	
● 69. 2 Rope Wrap Minimum	(SAT) Satisfactory	
● 70. Motor	(SAT) Satisfactory	
● 71. Drums/Lagging/Flanges	(SAT) Satisfactory	
● 72. Anchor System	(SAT) Satisfactory	
● 73. Hoist Spooling	(SAT) Satisfactory	
Main Boom		
● 74. Lift Cylinder(s)	(SAT) Satisfactory	
● 75. Telescoping Boom Cylinder(s)	(SAT) Satisfactory	
● 76. Hydraulic Hoses, Tubes, and Fittings	(SAT) Satisfactory	
● 77. Holding Device	(SAT) Satisfactory	
● 78. Boom Sections Alignment	(SAT) Satisfactory	
● 79. Wear Pads	(SAT) Satisfactory	
● 80. Sheaves	(SAT) Satisfactory	
● 81. Boom Hinge Pin	(SAT) Satisfactory	
● 82. Boom Head Section	(SAT) Satisfactory	
● 83. Auxiliary Boom Head	(SAT) Satisfactory	
● 84. Structure	(SAT) Satisfactory	
Main Drum Wire Rope		
85. Diameter and wear		
Size	Construction	Number of Parts of Line
23mm	RR	6
● 86. Rope Damage	(SAT) None Visible at Time of inspection	
● 87. Lubrication	(SAT) Satisfactory	
● 88. End Connectors	(SAT) Satisfactory	
Auxiliary drum wire rope		
89. Diameter and wear		
Size	Construction	Number of Parts of Line
23mm	RR	1
● 90. Rope Damage	(SAT) None Visible at Time of inspection	

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● 91. Lubrication.	(SAT) Satisfactory
● 92. End Connectors	(SAT) Satisfactory
Main Hoist Load Block/Ball & Hook	
● 93. Capacity Marking	(SAT) Satisfactory
● 94. Weight Marking	(SAT) Satisfactory
● 95. Sheave(s)	(SAT) Satisfactory
● 96. Safety Latch(es)	(SAT) Satisfactory
● 97. 0° Hook Bend or Twist	(SAT) Satisfactory
● 98. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
● 99. 10% Hook Wear Max	(SAT) Satisfactory
● 100. Bearing	(SAT) Satisfactory
● 101. Wedge Socket / End Fitting	(SAT) Satisfactory
● 102. Reeving	(SAT) Satisfactory
Auxiliary Hoist Load Block/Ball & Hook	
● 103. Capacity Marking	(SAT) Satisfactory
● 104. Weight Marking	(SAT) Satisfactory
● 105. Safety Latches	(SAT) Satisfactory
● 106. 0° Hook Bend or Twist	(SAT) Satisfactory
● 107. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
● 108. 10% Hook Wear Max	(SAT) Satisfactory
● 109. Swivel / Bearing	(SAT) Satisfactory
● 110. Wedge Socket / End Fitting	(SAT) Satisfactory
● 111. Reeving	(SAT) Satisfactory
Verification and Completion	
112. Inspector Name and Signature	Brian C McMahon
	
	
● 113. Sticker Given	(Y) Yes, Given on Site

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