



Atlantic Crane Inspection Services
 P.O. Box 747
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 (215) 639-2579

Inspection
Sautter Crane Rental

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

Completed by: Chris Hunter on 08/13/2023

Location:	USA
Serial #:	056 838
Unit #:	S360

Manufacturer:	Liebherr
Model:	LTC 1050-3.1
Capacity:	50 Tons
Length/Lift:	118 FT
Type of Crane:	Truck Crane (1910.180 & 1926.1400)
Number of Hoists:	Main Only
Boom Configuration:	Main Boom w/o Attached Jib

Priorities Found: ● 96 - Good

Customer Sign Off

1. 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 jaime@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

2. Inspection Number	23081201CH
3. Inspection Date	08/12/2023
● 4. Inspection Type	(Ann) Annual

Information & Records

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

Safety Devices / Operational Aids

● 9. Audible Reverse Signal Alarm	(SAT) Satisfactory
● 10. Audible Warning Device	(SAT) Satisfactory
● 11. Boom Angle Indicator	(SAT) Satisfactory
● 12. Boom Length Indicator	(SAT) Satisfactory
● 13. Drum Rotation Indicator	(SAT) Satisfactory


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

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● 56. Hoses			(SAT) Satisfactory
● 57. Counterweight Frame			(SAT) Satisfactory
● 58. Ring and Pinion Gear			(SAT) Satisfactory
● 59. Hydraulic and Pneumatic Pumps			(SAT) Satisfactory
● 60. Hydraulic Tubes, Fitting, and Hoses			(SAT) Satisfactory
● 61. Hydraulic Pressure			(SAT) Satisfactory
● 62. Electrical Wiring			(SAT) Satisfactory
● 63. Swing System / Assembly			(SAT) Satisfactory
● 64. Counterweight Mounting			(SAT) Satisfactory
● 65. Counterweight Posted Warnings			(SAT) Satisfactory
● 66. Electrocutation Posted Warnings			(SAT) Satisfactory
● 67. Structure			(SAT) Satisfactory
Hoist System			
● 68. Brakes and Clutch System			(SAT) Satisfactory
● 69. Wire Rope Reeving			(SAT) Satisfactory
● 70. 2 Rope Wrap Minimum			(SAT) Satisfactory
● 71. Motor			(SAT) Satisfactory
● 72. Drums/Lagging/Flanges			(SAT) Satisfactory
● 73. Anchor System			(SAT) Satisfactory
● 74. Hoist Spooling			(SAT) Satisfactory
Main Boom			
● 75. Lift Cylinder(s)			(SAT) Satisfactory
● 76. Telescoping Boom Cylinder(s)			(SAT) Satisfactory
● 77. Hydraulic Hoses, Tubes, and Fittings			(SAT) Satisfactory
● 78. Holding Device			(SAT) Satisfactory
● 79. Boom Sections Alignment			(SAT) Satisfactory
● 80. Wear Pads			(SAT) Satisfactory
● 81. Sheaves			(SAT) Satisfactory
● 82. Boom Hinge Pin			(SAT) Satisfactory
● 83. Boom Head Section			(SAT) Satisfactory
● 84. Auxiliary Boom Head			(SAT) Satisfactory
● 85. Structure			(SAT) Satisfactory
Main Drum Wire Rope			
86. Diameter and wear			
Size	Construction	Number of Parts of Line	
15mm	RR	2 parts	
● 87. Rope Damage			(SAT) None Visible at Time of inspection
● 88. Lubrication			(SAT) Satisfactory
● 89. End Connectors			(SAT) Satisfactory
Main Hoist Load Block/Ball & Hook			
90. Capacity & Weight			
Capacity	Weight		
16 Ton	195 kg		
● 91. Capacity Marking			(SAT) Satisfactory
● 92. Weight Marking			(SAT) Satisfactory
● 93. Sheave(s)			(SAT) Satisfactory

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● 94. Safety Latch(es)	(SAT) Satisfactory
● 95. 0° Hook Bend or Twist	(SAT) Satisfactory
● 96. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
● 97. 10% Hook Wear Max	(SAT) Satisfactory
● 98. Bearing	(SAT) Satisfactory
● 99. Wedge Socket / End Fitting	(SAT) Satisfactory
● 100. Reeving	(SAT) Satisfactory
Verification and Completion	
101. Inspector Name and Signature	Christopher J Hunter
	
● 102. Sticker Given	(N) No, Will be Mailed

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