



**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 05/06/2023**

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: ● 1 - Low      ● 101 - 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 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**

3. Inspection Number	<b>23050604DV</b>
4. Inspection Date	<b>05/06/2023</b>
● 5. Inspection Type	<b>(Ann) Annual</b>

**Information & Records**

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

**Safety Devices / Operational Aids**

● 12. Audible Reverse Signal Alarm	<b>(SAT) Satisfactory</b>
● 13. Audible Warning Device	<b>(SAT) Satisfactory</b>
● 14. Boom Angle Indicator	<b>(SAT) Satisfactory</b>


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

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● 57. Engine Performance	(SAT) Satisfactory	
● 58. Exhaust System/Guards & Insulators	(SAT) Satisfactory	
● 59. Hoses	(SAT) Satisfactory	
● 60. Counterweight Frame	(SAT) Satisfactory	
● 61. Ring and Pinion Gear	(SAT) Satisfactory	
● 62. Hydraulic and Pneumatic Pumps	(SAT) Satisfactory	
● 63. Hydraulic Tubes, Fitting, and Hoses	(SAT) Satisfactory	
● 64. Hydraulic Pressure	(SAT) Satisfactory	
● 65. Electrical Wiring	(SAT) Satisfactory	
● 66. Swing System / Assembly	(SAT) Satisfactory	
● 67. Counterweight Mounting	(SAT) Satisfactory	
● 68. Counterweight Posted Warnings	(SAT) Satisfactory	
● 69. Electrocutation Posted Warnings	(SAT) Satisfactory	
● 70. Structure	(SAT) Satisfactory	
<b>Hoist System</b>		
● 71. Brakes and Clutch System	(SAT) Satisfactory	
● 72. Wire Rope Reeving	(SAT) Satisfactory	
● 73. 2 Rope Wrap Minimum	(SAT) Satisfactory	
● 74. Motor	(SAT) Satisfactory	
● 75. Drums/Lagging/Flanges	(SAT) Satisfactory	
● 76. Anchor System	(SAT) Satisfactory	
● 77. Hoist Spooling	(SAT) Satisfactory	
<b>Main Boom</b>		
● 78. Lift Cylinder(s)	(SAT) Satisfactory	
● 79. Telescoping Boom Cylinder(s)	(MON) Monitor	
■ <i>Boom extension cylinder weeping. Monitor monthly.</i>	P80	
● 80. Hydraulic Hoses, Tubes, and Fittings	(SAT) Satisfactory	
● 81. Holding Device	(SAT) Satisfactory	
● 82. Boom Sections Alignment	(SAT) Satisfactory	
● 83. Wear Pads	(SAT) Satisfactory	
● 84. Sheaves	(SAT) Satisfactory	
● 85. Boom Hinge Pin	(SAT) Satisfactory	
● 86. Boom Head Section	(SAT) Satisfactory	
● 87. Structure	(SAT) Satisfactory	
<b>Jib/Fly Extension</b>		
● 88. Sheaves	(SAT) Satisfactory	
● 89. Structure	(SAT) Satisfactory	
● 90. Locking Device	(SAT) Satisfactory	
● 91. Alignment	(SAT) Satisfactory	
● 92. End Connections and Pins	(SAT) Satisfactory	
<b>Main Drum Wire Rope</b>		
93. Diameter and wear		
Size	Construction	Number of Parts of Line
15 mm	Rotation Resistant	1 Parts
● 94. Rope Damage	(SAT) None Visible at Time of inspection	
● 95. Lubrication	(SAT) Satisfactory	

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● 96. End Connectors	(SAT) Satisfactory
<b>Auxiliary drum wire rope</b>	
97. Diameter and wear	
Size	Construction
15 mm	Rotation Resistant
<b>Main Hoist Load Block/Ball &amp; Hook</b>	
98. Capacity & Weight	P100
Capacity	Weight
16 tons	195 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 or 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
<b>Verification and Completion</b>	
109. Inspector Name and Signature	Dylan VanHorn
	
110. Additional Inspection Notes	
<i>No other visible deficiencies found at time of inspection</i>	
● 111. Sticker Given	(N) No, Will be Mailed



P80.1



P100.2

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