



2015 LIEBHERR LTM-1055-3.2 / 085-403

Prepared for:
SHERMAN CRANE




140 West St.
Wilmington, MA 01887

on

6/2/2023

Overview

Breakdown by Form

Form Type	 High	 Med	 Low	# Forms
Inspection	0	0	0	1
Local Acknowledgment Of Unit Examination	0	0	0	1
Overall:	0	0	0	2

Breakdown by Location

Location	 High	 Med	 Low	# Forms
Mendon, MA	0	0	0	2
Overall:	0	0	0	2

Breakdown by Asset

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

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Inspection
SHERMAN CRANE
140 West St.
Wilmington, MA 01887

FolderID: AI6348
FormID: 16948099



Telescoping Boom Crane

Location: Mendon, MA
Serial #: 085-403
TagID: C-206
Status: In Service
Description:2015 LIEBHERR LTM-1055-3.2 / 085-403

Manufacturer: Liebherr
Model: LTM-1055-3.2
Capacity: per OEM capacity chart
Length/Lift: 33 -131 ft
Hook Type: Load Block & Hook

Hours and Miles

- 1. Hours **5,231 upper**
- 2. Miles **51419.**

Historical Records

- 3. Monthly Inspection **(SAT) Satisfactory**
- 4. Record of Maintenance **(SAT) Satisfactory**
- 5. Documentation of Annual / Comprehensive Inspection **(SAT) Satisfactory**
- 6. Equipment Modification(s) or additions **(NA) Not Applicable**
- 7. Record of Load Test **(SAT) Satisfactory**

General

- 8. External Lights **(SAT) Satisfactory**
 - *LMI lights*
- 9. Housekeeping **(SAT) Satisfactory**
- 10. Safety and Warning Labels **(SAT) Satisfactory**
- 11. Hand Signal Chart **(SAT) Satisfactory**

Driver's Cab and Station

- 12. Service Brake **(SAT) Satisfactory**
- 13. Emergency Brake **(SAT) Satisfactory**
- 14. Parking Brake **(SAT) Satisfactory**
- 15. External Lights (Headlights, Taillights, Brake Lights) **(SAT) Satisfactory**
- 16. Audible Warning Device **(SAT) Satisfactory**
- 17. Audible Reverse Signal Alarm **(SAT) Satisfactory**
- 18. Windows / Mirrors **(SAT) Satisfactory**

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● 19. Windshield Wipers	(SAT) Satisfactory
● 20. Windshield Defroster	(SAT) Satisfactory
● 21. Seatbelts	(SAT) Satisfactory
● 22. Tires	(SAT) Satisfactory
● 23. Seat	(SAT) Satisfactory
● 24. Steering	(SAT) Satisfactory
● 25. Housekeeping	(SAT) Satisfactory
● 26. Fire Extinguisher	(SAT) Satisfactory
Lower Carrier Power Plant	
● 27. Engine Performance	(SAT) Satisfactory
● 28. Exhaust System	(SAT) Satisfactory
● 29. Belts	(SAT) Satisfactory
● 30. Rotating and Reciprocating Parts	(SAT) Satisfactory
Carrier	
● 31. Transmission	(SAT) Satisfactory
● 32. Drive Line	(SAT) Satisfactory
● 33. Tires	(SAT) Satisfactory
● 34. Tire Air Pressure	(SAT) Satisfactory
● 35. Main Frame Members	(SAT) Satisfactory
● 36. Hydraulic Hoses, Fittings, Tubes	(SAT) Satisfactory
● 37. Hydraulic Fluid Level	(SAT) Satisfactory
● 38. Hoses / Tubing / Fittings .	(SAT) Satisfactory
● 39. Slip Resistant Walking surface	(SAT) Satisfactory
● 40. Axle Lockout	(SAT) Satisfactory
● 41. Audible Reverse Signal Alarm	(SAT) Satisfactory
Outriggers	
● 42. Boxes & Beams	(SAT) Satisfactory
● 43. Hydraulic Cylinders	(SAT) Satisfactory
● 44. Pad / Float	(SAT) Satisfactory
● 45. Hoses / Tubing / Fittings	(SAT) Satisfactory
● 46. Holding Valves	(SAT) Satisfactory
● 47. Caution / Warning Signs	(SAT) Satisfactory
Operator's Station	
● 48. Windows	(SAT) Satisfactory
● 49. Windshield Wipers	(SAT) Satisfactory
● 50. Cab Door Restraint	(SAT) Satisfactory
● 51. Cab Access	(SAT) Satisfactory
● 52. Steps / Ladders / Handrails	(SAT) Satisfactory
● 53. Anti-Skid Stepping Surfaces	(SAT) Satisfactory
● 54. Load Chart	(SAT) Satisfactory
● 55. Fire Extinguisher	(SAT) Satisfactory
● 56. Operator's Manual	(SAT) Satisfactory
● 57. Seat	(SAT) Satisfactory
● 58. Seatbelts	(NA) Not Applicable
● 59. Electrocutation Warning Sign(s)	(SAT) Satisfactory
● 60. Level	(SAT) Satisfactory
● 61. Horn	(SAT) Satisfactory

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● 62. Load Indicator	(SAT) Satisfactory
● 63. Controls Identified	(SAT) Satisfactory
● 64. Control Mechanisms	(SAT) Satisfactory
● 65. Power Plant Controls	(SAT) Satisfactory
● 66. Brake and Clutch	(NA) Not Applicable
● 67. Travel Brakes	(NA) Not Applicable
● 68. Travel Controls	(NA) Not Applicable
● 69. Travel Mechanism	(NA) Not Applicable
● 70. Travel Locks	(NA) Not Applicable
Load Chart	
● 71. Ground Level, Remotely Controlled	(NA) Not Applicable
● 72. Per Configuration	(SAT) Satisfactory
● 73. Visible from Fixed Operator's Station	(SAT) Satisfactory
● 74. Durable / Legible/ Secured	(SAT) Satisfactory
Safety Devices / Operational Aids	
● 75. Boom Angle Indicator	(SAT) Satisfactory
● 76. Boom Length Indicator	(SAT) Satisfactory
● 77. Main Drum Rotation Indicator	(SAT) Satisfactory
● 78. Auxiliary Drum Rotation Indicator	(NA) Not Applicable
● 79. Load Moment Indicator	(SAT) Satisfactory
● 80. Load Weight Indicator	(SAT) Satisfactory
● 81. Radius Indicator	(SAT) Satisfactory
● 82. Level Indicator	(SAT) Satisfactory
● 83. Barge List & Trim Indicator	(NA) Not Applicable
● 84. If Barge Mounted, Is The Crane Secured To The Barge	(NA) Not Applicable
● 85. Two-Block System	(SAT) Satisfactory
● 86. Overload Prevention Device	(SAT) Satisfactory
Rotating Upper Structure	
● 91. Turntable / Bearing	(SAT) Satisfactory
● 92. Turntable / Rollers	(NA) Not Applicable
● 93. Counterweight Frame	(SAT) Satisfactory
● 94. Ring and Pinion Gear	(SAT) Satisfactory
● 95. Hydraulic and Pneumatic Pumps	(SAT) Satisfactory
● 96. Hydraulic Tubes, Fitting, and Hoses	(SAT) Satisfactory
● 97. Hydraulic Pressure	(SAT) Satisfactory
● 98. Electrical Wiring	(SAT) Satisfactory
● 99. Main Hoist - Brakes and Clutch System	(SAT) Satisfactory
● 100. Main Hoist - Wire Rope Reeving	(SAT) Satisfactory
● 101. Main Hoist - Meets 2 rope wrap minimum	(SAT) Satisfactory
● 102. Auxiliary Hoist - Brakes and Clutch System	(NA) Not Applicable
● 103. Auxiliary Hoist - Wire Rope Reeving	(NA) Not Applicable
● 104. Auxiliary Hoist - Meets 2 rope wrap minimum	(NA) Not Applicable
● 105. Swing System / Assembly	(SAT) Satisfactory
● 106. Counterweight Mounting	(SAT) Satisfactory
● 107. Counterweight Posted Warnings	(SAT) Satisfactory
● 108. Electrocution Posted Warnings	(SAT) Satisfactory
Main Boom	

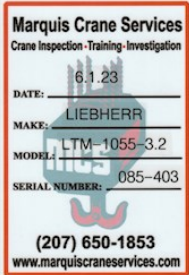
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● 114. Lift Cylinder(s)	(SAT) Satisfactory
● 115. Telescoping Boom Cylinder(s)	(SAT) Satisfactory
● 116. Hydraulic Hoses, Tubes, and Fittings	(SAT) Satisfactory
● 117. Holding Device	(SAT) Satisfactory
● 118. Boom Sections Alignment	(SAT) Satisfactory
● 119. Wear Pads	(SAT) Satisfactory
● 120. Sheaves	(SAT) Satisfactory
● 121. Hoist Line Dead End	(SAT) Satisfactory
● 122. Boom Hinge Pin	(SAT) Satisfactory
● 123. Boom Head Section	(SAT) Satisfactory
● 124. Auxiliary Boom Head	(NA) Not Applicable
● 125. Structure	(SAT) Satisfactory
Main Drum Wire Rope	
● 134. Rope Damage	(SAT) Satisfactory
● 135. Diameter and wear	
Size	Actual diameter measurement
15 mm	15.40 mm
● 136. Lubrication	(SAT) Satisfactory
● 137. End Connectors	(SAT) Satisfactory
Load Block & Hook	
● 159. Capacity Marking ■ <i>LIEBHERR 32 mt</i>	(SAT) Satisfactory
● 160. Weight Marking ■ <i>280 kg</i>	(SAT) Satisfactory
● 161. Sheave(s)	(SAT) Satisfactory
● 162. Safety Latch(es)	(SAT) Satisfactory
● 163. 0° Hook Bend or Twist	(SAT) Satisfactory
● 164. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
● 165. 10% Hook Wear Max	(SAT) Satisfactory
● 166. Bearing	(SAT) Satisfactory
● 167. Wedge Socket / End Fitting	(SAT) Satisfactory
● 168. Reeving	(SAT) Satisfactory
Overhaul Ball & Hook	
● 169. Capacity Marking ■ <i>LIEBHERR 6 mt</i>	(SAT) Satisfactory
● 170. Weight Marking ■ <i>195 kg</i>	(SAT) Satisfactory
● 171. Safety Latches	(SAT) Satisfactory
● 172. 0° Hook Bend or Twist	(SAT) Satisfactory
● 173. 5% Hook Opening or 1/4" Max	(SAT) Satisfactory
● 174. 10% Hook Wear Max	(SAT) Satisfactory
● 175. Swivel / Bearing	(SAT) Satisfactory
● 176. Wedge Socket / End Fitting	(SAT) Satisfactory
No-Load Operational Test	
● 177. No-Load Operational Test	(SAT) Satisfactory
Verification and Completion	
● 178. Inspector Name and Signature	Steve Marquis

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Sem

- 179. Date of Inspection **06/12/0023**
- 180. Customer Name and Signature **SHERMAN CRANE**
- 181. Certificate Issued **(Y) Yes**



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Local Acknowledgment Of Unit Examination

SHERMAN CRANE
140 West St.
Wilmington, MA 01887

FolderID: AI6348
FormID: 16948100



Telescoping Boom Crane

Location: Mendon, MA
Serial #: 085-403
TagID: C-206
Status: In Service
Description: 2015 LIEBHERR LTM-1055-3.2 / 085-403

Manufacturer: Liebherr
Model: LTM-1055-3.2
Capacity: per OEM capacity chart
Length/Lift: 33 -131 ft
Hook Type: Load Block & Hook

Local Acknowledgment Of Unit Examination

1. OWNERS IDENTIFICATION	C-206
2. OWNER/EMPLOYER	SHERMAN CRANE
3. OWNERS ADDRESS	140 West St. - Wilmington, MA 01887
4. TYPE OF DEVICE	CRANE
5. CRANE LOCATION/ADDRESS	140 West St. - Wilmington, MA 01887
6. DOES UNIT CHANGE WORKSITES?	(Y) YES
7. HOUR METER	5231.
<input type="checkbox"/> <i>upper</i>	
8. MANUFACTURER	LIEBHERR
9. MODEL	LTM-1055-3.2
10. SERIAL NUMBER	085-403
11. DESCRIPTION OF DEVICE	hydraulic boom - all terrain
12. MAXIMUM CAPACITY	see OEM load capacity chart for configuration
13. SERVICE STATUS	HOOK WORK
14. BOOM LENGTH & TYPE	33 - 131 ft / pin & latch
15. LUFFING JIB LENGTH & TYPE	
16. FIXED JIB LENGTH & TYPE	
17. TOWER HEIGHT & TYPE	

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18. PROOF LOAD TEST APPLIED 1.1

BOOM LENGTH

67 ft

BOOM ANGLE

19

RADIUS

55 ft



19. PROOF LOAD TEST APPLIED 1.2

RATED LOAD

9,300 lbs

PROOF LOAD

9,300 lbs

% OF RATED LOAD

100

20. PROOF LOAD TEST APPLIED 1.3

HOIST USED

main

BOOM DIRECTION

over rear

LOAD CHART NUMBER

LMI code

21. DESCRIPTION OF PROOF LOAD

crane counter-weights

22. BASIS FOR ASSIGNED LOAD RATINGS

OEM designed rating

23. REMARKS AND/OR LIMITATIONS IMPOSED

24. I certify that on this date, the above device was examined & tested by the undersigned or authorized representative who in their opinion, said the unit complied with the standards or requirements of OSHA: 1926.1400 and ASME B30.5

06/01/2023

25. SIGNATURE OF AUTHORIZED PERSON

Steve Marquis