



2013 LIEBHERR LTM-1055-3.2 / 085-244

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 |
|-----------------|--|---|---|----------|
| Wilmington, 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: AI6350
FormID: 16949469



Telescoping Boom Crane

Location: Wilmington, MA
Serial #: 085-244
TagID: C-164
Status: In Service

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

Description:2013 LIEBHERR LTM-1055-3.2 / 085-244

Hours and Miles

| | |
|----------|--------------|
| 1. Hours | 4,429. upper |
| 2. Miles | 55592. |

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 <input type="checkbox"/> LMI lights | (SAT) Satisfactory |
| 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. Electrocution Warning Sign(s) | (SAT) Satisfactory |
| ● | 60. Level | (SAT) Satisfactory |
| ● | 61. Horn | (SAT) Satisfactory |


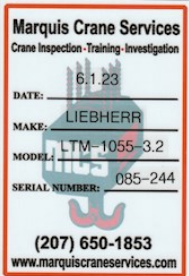
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| | |
|---|---------------------|
| ● 62. Load Indicator | (SAT) Satisfactory |
| ● 63. Controls Identified | (SAT) Satisfactory |
| ● 64. Control Mechanisms | (SAT) Satisfactory |
| ● 65. Power Plant Controls | (SAT) Satisfactory |
| ● 66. Brake and Clutch | (NA) Not Applicable |
| ● 67. Travel Brakes | (SAT) Satisfactory |
| ● 68. Travel Controls | (SAT) Satisfactory |
| ● 69. Travel Mechanism | (SAT) Satisfactory |
| ● 70. Travel Locks | (SAT) Satisfactory |
| 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 |
| Jib | |
| ● 126. Structure | (SAT) Satisfactory |
| ● 127. Sheaves | (SAT) Satisfactory |
| ● 128. Wire Rope Retainers | (SAT) Satisfactory |
| ● 129. End Connections and Pins | (SAT) Satisfactory |
| ● 130. Wire Rope Retainers. | (SAT) Satisfactory |
| Main Drum Wire Rope | |
| ● 134. Rope Damage | (SAT) Satisfactory |
| ● 135. Diameter and wear | |
| Size | Actual diameter measurement |
| 15 mm | 15.63 mm |
| ● 136. Lubrication | (SAT) Satisfactory |
| ● 137. End Connectors | (SAT) Satisfactory |
| Load Block & Hook | |
| ● 159. Capacity Marking ■ <i>LIEBHERR 16 mt</i> | (SAT) Satisfactory |
| ● 160. Weight Marking ■ <i>195 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>75 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 |

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| | |
|---|--------------------|
| ● 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 |
|  | |
| ● 179. Date of Inspection | 06/01/2023 |
| ● 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: AI6350
FormID: 16949470



Telescoping Boom Crane

Location: Wilmington, MA
Serial #: 085-244
TagID: C-164
Status: In Service


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

Description:2013 LIEBHERR LTM-1055-3.2 / 085-244

Local Acknowledgment Of Unit Examination

| | | |
|---------------------------------|--|---------------|
| 1. OWNERS IDENTIFICATION | C-164 | |
| 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 | | |
| 8. MANUFACTURER | LIEBHERR | |
| 9. MODEL | LTM-1055-3.2 | |
| 10. SERIAL NUMBER | 085-244 | |
| 11. DESCRIPTION OF DEVICE | hydraulic boom - all terrain | |
| 12. MAXIMUM CAPACITY | see OEM load capacity chart | |
| 13. SERVICE STATUS | HOOK WORK | |
| 14. BOOM LENGTH & TYPE | 33 - 131 ft / pin & latch | |
| 15. LUFFING JIB LENGTH & TYPE | | |
| 16. FIXED JIB LENGTH & TYPE | 31 or 52 ft / bi-fold offset | |
| 17. TOWER HEIGHT & TYPE | | |
| 18. PROOF LOAD TEST APPLIED 1.1 | | |
| BOOM LENGTH | BOOM ANGLE | RADIUS |
| 78.4 ft | 39 | 55 ft |

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| | | | |
|---|---|-------------------|------------------------------|
| ● 19. PROOF LOAD TEST APPLIED 1.2 | | | |
| | RATED LOAD | PROOF LOAD | % OF RATED LOAD |
| | 10,100 lbs | 10,000 lbs | 100 |
| ● 20. PROOF LOAD TEST APPLIED 1.3 | | | |
| | HOIST USED | BOOM DIRECTION | LOAD CHART NUMBER |
| | main | over rear | 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 |
| |  | | |

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