

**OSHA/ASME Annual Inspection Report - Mobile Crane****Crane Owner** Sautter Crane**Contact Person** Bob Sautter**Date** 07/10/2022**Make** 2011 Liebherr**Model** LTM1000-4.1**Serial Number** 062265**Unit ID** S149**Inspector** Bill Sautter**Inspector ID#** 17-1943**Phone Number** 267-975-2655**Precautions** Before inspecting crane, lock out/tag out power source. Consult Operator/service manual, service for additional inspection items. Crane must be set up away from personnel and power lines, with outriggers/crawlers fully extended and crane leveled on firm ground. OSHA and ASME only allow qualified and competent persons to inspect cranes. To qualify, inspectors must have been through training, have extensive knowledge and demonstrated ability.**Records****1. Monthly Inspection Records** Satisfactory**2. Maintenance Records** Satisfactory**3. Annual Inspection Record** Satisfactory**4. Modification Records** N/A**5. Load Test Reports** N/A**General****6. Sheet Metal** Satisfactory**7. Guards / Covers** Satisfactory**8. External Lights** Satisfactory**9. Housekeeping** Satisfactory**10. Safety / Warning Decals & Labels** Satisfactory**11. Hand Signal Chart** Satisfactory**Driver's Cab & Station****12. Brakes: Service, Emergency, Parking** Satisfactory**13. Headlights/Tailights** Satisfactory**14. Brake Lights** Satisfactory**15. Audible Warning Device** Satisfactory**16. Backup Audible Alarm** Satisfactory

<b>17. Windows</b>	Satisfactory
<b>18. Powered Wipers</b>	Satisfactory
<b>19. Defroster</b>	Satisfactory
<b>20. Seat</b>	Satisfactory
<b>21. Seatbelt</b>	Satisfactory
<b>22. Steering</b>	Satisfactory
<b>23. Fire Extinguisher</b>	Satisfactory
<b>Carrier Power Plant (Lower)</b>	
<b>24. Performance</b>	Satisfactory
<b>25. Exhaust System / Guards &amp; Insulators</b>	Satisfactory
<b>26. Belts</b>	Satisfactory
<b>27. Guards / Covers / Rotat. &amp; Recip. Parts</b>	Satisfactory
<b>28. Transmission</b>	Satisfactory
<b>29. Drive Line</b>	Satisfactory
<b>30. Tires / Wheels</b>	Satisfactory
<b>31. Tire Air Pressure</b>	Satisfactory
<b>32. Main Frame Members</b>	Satisfactory
<b>33. Hydraulic Hoses / Tubing / Fittings</b>	Satisfactory
<b>34. Hydraulic Fluid Level</b>	Satisfactory
<b>35. Anti-Skid Surface</b>	Satisfactory
<b>36. Axle Lockout</b>	N/A
<b>37. Backup Alarm</b>	Satisfactory
<b>Outriggers</b>	
<b>38. Boxes</b>	Satisfactory
<b>39. Beams</b>	Satisfactory
<b>40. Cylinders</b>	Satisfactory
<b>41. Floats / Pads</b>	Recommendation
<b>42. Hydraulic Hoses / Tubes / Fittings</b>	Satisfactory
<b>43. Holding Valves</b>	Satisfactory
<b>44. Warning Signs</b>	Satisfactory
<b>Crawler Assembly</b>	
<b>45. Car Body / Side Frames</b>	N/A
<b>46. Chain Condition / Adjustment</b>	N/A
<b>47. Sprockets / Idlers / Rollers</b>	N/A
<b>48. Track Pads / Pins</b>	N/A
<b>49. Travel Locks</b>	N/A

<b>50. Steering Clutches</b>	N/A
<b>Operator's Cab &amp; Station</b>	
<b>51. Windows</b>	Satisfactory
<b>52. Windshield Wiper</b>	Satisfactory
<b>53. Door Restraint</b>	Satisfactory
<b>54. Cab Access</b>	
<b>55. Anti-Slip Walking Surfaces</b>	Satisfactory
<b>56. Load Charts</b>	Satisfactory
<b>57. Fire Extinguisher</b>	Satisfactory
<b>58. Operator's Manual</b>	Satisfactory
<b>59. Seat</b>	Satisfactory
<b>60. Seatbelt</b>	Recommendation
<b>61. Electrocution Sign</b>	Satisfactory
<b>62. Level</b>	Satisfactory
<b>63. Horn</b>	Satisfactory
<b>64. Load Indicator</b>	Satisfactory
<b>65. Control Markings</b>	Satisfactory
<b>66. Control(Function)</b>	Satisfactory
<b>67. Power Plant Controls</b>	Satisfactory
<b>68. Swing Brake &amp; Lock</b>	Satisfactory
<b>69. Travel Brakes</b>	N/A
<b>70. Travel Controls</b>	N/A
<b>71. Travel Mechanism</b>	N/A
<b>72. Travel Locks</b>	N/A
<b>73. Guard Rails &amp; Hand Holds</b>	Satisfactory
<b>Load Chart</b>	
<b>74. Per Configuration</b>	Satisfactory
<b>75. Legible</b>	Satisfactory
<b>76. Durable</b>	Satisfactory
<b>77. Secured</b>	Satisfactory
<b>78. Visible From Operator's Station</b>	Satisfactory
<b>Safety Devices / Operational Aids</b>	
<b>79. Boom Angle Indicator</b>	Satisfactory
<b>80. Boom Length Indicator</b>	Satisfactory
<b>81. Main Drum Rotation Indicator</b>	Satisfactory
<b>82. Auxiliary Drum Rotation Indicator</b>	N/A

<b>83. Load Moment Indicator</b>	Satisfactory
<b>84. Load Weight Indicator</b>	Satisfactory
<b>85. Radius Indicator</b>	Satisfactory
<b>86. Crane Level Indicator</b>	Satisfactory
<b>87. Anti-two Block Device</b>	Satisfactory
<b>88. Outrigger / Stabilizer Position Sensor</b>	Satisfactory
<b>89. Luffing Jib Angle Indicator</b>	N/A
<b>Power Plant (Upper)</b>	
<b>90. Performance</b>	Satisfactory
<b>91. Exhaust System / Guards / Insulators</b>	Satisfactory
<b>92. Belts / Hoses</b>	Satisfactory
<b>93. Guard / Covers / Rotat. &amp; Recip. Parts</b>	Satisfactory
<b>Rotating Upper Structure</b>	
<b>94. Turntable</b>	Satisfactory
<b>95. Electrical Collector Ring</b>	Satisfactory
<b>96. Counterweight Frame</b>	Satisfactory
<b>97. Hydraulic Pump(s)</b>	Satisfactory
<b>98. Hydraulic Hoses / Tubes / Fittings</b>	Satisfactory
<b>99. Hydraulic Pressure</b>	Satisfactory
<b>100. Electrical Wiring</b>	Satisfactory
<b>101. - Main Hoist - Motor / Valves / Lines</b>	Satisfactory
<b>102. Main Hoist - Minimum (2) Rope Wraps</b>	Satisfactory
<b>103. Aux. Hoist - Motor / Valves &amp; Lines</b>	Satisfactory
<b>104. Drum Spooling</b>	Satisfactory
<b>105. Aux. Hoist - Minimum (2) Rope Wraps</b>	Satisfactory
<b>106. Counterweight / Mounting</b>	Satisfactory
<b>107. Swing Gear Box</b>	Satisfactory
<b>108. Electrocutation Warning Sign (Outside)</b>	Satisfactory
<b>109. Counterweight Warning Sign</b>	Satisfactory
<b>Main Boom</b>	
<b>110. Lift Cylinder(s)</b>	Satisfactory
<b>111. Telescoping Cylinder(s)</b>	Satisfactory
<b>112. Hydraulic Hoses / Tubing &amp; Fittings</b>	Satisfactory
<b>113. Holding Device</b>	Satisfactory
<b>114. Boom Sections Alignment</b>	Satisfactory
<b>115. Wear Pads</b>	Satisfactory

<b>116. Sheaves</b>	Satisfactory
<b>117. Hoist Line Dead End</b>	Satisfactory
<b>118. Wire Rope Retainer</b>	Satisfactory
<b>119. Boom Hinge Pin</b>	Satisfactory
<b>120. Boom Head Section</b>	Satisfactory
<b>121. Auxiliary Boom Head</b>	Satisfactory
<b>122. Structure</b>	Satisfactory
<b>Manual Section</b>	
<b>123. Alignment</b>	N/A
<b>124. Locking Device</b>	N/A
<b>125. Structure</b>	N/A
<b>Lattice Boom Extension</b>	
<b>126. Boom Extension Alignment</b>	Satisfactory
<b>127. Cords</b>	Satisfactory
<b>128. Lattices</b>	Satisfactory
<b>129. End Connections</b>	Satisfactory
<b>130. Sheave(s)</b>	Satisfactory
<b>131. Wire Rope Retainer</b>	Satisfactory
<b>132. Structure</b>	Satisfactory
<b>Jib</b>	
<b>133. Stops</b>	Satisfactory
<b>134. Sheaves(s)</b>	Satisfactory
<b>135. Wire Rope Retainer(s)</b>	Satisfactory
<b>136. Structure</b>	Satisfactory
<b>137. Luffing Jib Stops</b>	N/A
<b>Wire Rope - Main Hoist</b>	
<b>138. Core</b>	Satisfactory
<b>139. Rope Damage</b>	Satisfactory
<b>140. Measured Wear</b>	Satisfactory
<b>Measurement</b>	17mm
<b>141. Broken Wires</b>	Satisfactory
<b>142. Lubrication</b>	Satisfactory
<b>143. End Connections</b>	Satisfactory
<b>Wire Rope - Aux. Hoist</b>	
<b>144. Core</b>	N/A
<b>145. Rope Damage</b>	N/A

<b>146. Measured Wear</b>	N/A
<b>Measurement</b>	
<b>147. Broken Wires</b>	N/A
<b>148. Lubrication</b>	N/A
<b>149. End Connections</b>	N/A
<b>Wire Rope - Pendants</b>	
<b>150. Core</b>	N/A
<b>151. Rope Damage</b>	N/A
<b>152. Measured Wear</b>	N/A
<b>Measurement</b>	
<b>153. Broken Wires</b>	N/A
<b>154. Lubrication</b>	N/A
<b>155. End Connections</b>	N/A
<b>Main Load Block &amp; Hook</b>	
<b>156. Capacity Markings</b>	Satisfactory
<b>157. Weight Markings</b>	Satisfactory
<b>158. Sheave(s)</b>	Satisfactory
<b>159. Safety Latches</b>	Satisfactory
<b>160. 0 Degree Hook Bend or Twist</b>	Satisfactory
<b>161. 5% Hook Opening or 1/4" Max.</b>	Satisfactory
<b>162. 10% Hook Wear Max.</b>	Satisfactory
<b>163. Swivel</b>	Satisfactory
<b>164. Bearing</b>	Satisfactory
<b>165. Wedge Socket / End Fitting</b>	Satisfactory
<b>166. Reeving</b>	Satisfactory
<b>Overhaul Ball &amp; Hook</b>	
<b>167. Capacity Marking</b>	Satisfactory
<b>168. Weight Marking</b>	Satisfactory
<b>169. Safety Latches</b>	Satisfactory
<b>170. 0 Degree Hook Bend or Twist</b>	Satisfactory
<b>171. 5% Hook Opening or 1/4" Max.</b>	Satisfactory
<b>172. 10% Hook Wear Max.</b>	Satisfactory
<b>173. Swivel</b>	Satisfactory
<b>174. Bearing</b>	Satisfactory
<b>175. Wedge Socket / End Fitting</b>	Satisfactory
<b>No-Load Operational Test</b>	

**176. No-Load Operational Test**

Satisfactory

**Misc.****Load Test****Crane Configuration****Rated Capacity****Test Weight****% of Rated Capacity****Results of Load Test**

N/A

**Caution**

Load Test shall be conducted by a qualified person. Operators must be certified through a nationally accredited and OSHA recognized certification program.

**Caution**

Operation of Cranes by inspectors is limited to those crane functions necessary to accomplish the inspection. Inspectors must meet operator trainee qualification requirements in ASME B30.5 and only operated under the direct supervision of a certified operator.

**Corrective Actions**

The following corrective action(s) are to be performed by a qualified person in accordance with all the manufacturer's instructions, specifications, and requirements. OSHA requires that if any deficiency needs to be monitored (M), the crane owner must ensure that the deficiency is checked in the monthly inspections. Recommendations (R) should be considered for corrective action. Recommendations can also be used to identify industry accepted safety and operational enhancements.

**Status**

S = Satisfactory  
 X = Safety Hazard  
 M = Monitor  
 R = Recommendation  
 N/A = Not Applicable

**Deficiency****Deficiency****Deficiency****Deficiency****Deficiency****Deficiency****Deficiency****Deficiency****Deficiency****Deficiency****Disclaimer**

Company agrees to perform an OSHA/ASME annual/periodic inspection as stated under OSHA standard 1926 subpart CC and ASME standard B30.5 of

the above listed crane equipment only, and to provide a completed inspection checklist/deficiency report for same. This is not a contract to provide repairs for any noted deficiencies, nor is it a warranty agreement as to ongoing use or condition. The inspection will be performed in accordance with the applicable OSHA/ASME standards in effect as of the date of this agreement. The inspection only includes those systems and components expressly and specifically identified in the inspection report. The inspection does not include any destructive testing or dismantling or of any areas beyond the visibility/accessibility requirements generally applicable to inspections under these standards. Client understands that the inspection report does not constitute a guarantee or warranty of merchantability or fitness for a particular purpose, expressed or implied, nor an insurance policy. The written checklist/findings prepared by Company shall be considered the final and exclusive findings of Company. Client understands and agrees not to rely on any oral statements made by the Inspector.

Arbitration: Any dispute concerning the interpretation of this agreement or arising from the inspection and report, except one for inspection fee payment, shall be resolved informally between the parties or, if not shall be resolved exclusively by arbitration under the commercial rules of the American Arbitration Association, with any action to enforce or compel arbitration to be brought in the federal or state courts having venue in Montgomery County, Pennsylvania. Client also agrees that venue in such courts is proper in such courts for any action to compel payment brought by Company.

I have read, understand and agree to all the terms and conditions of this contract.

**Company Representative signature**

**Inspector signature**

A handwritten signature in black ink that reads "William Sautter". The signature is written in a cursive style with a large initial "W".