

Unit Number E110	Serial Number HGM5AA70500030375	Hour Meter / Odometer (circle one) 12095
Make HITACHI	Model 2x470LC-5	License Plate Number N/A

STATIC CHECKS

Ensure Unit Is Locked Out, Implements Are Grounded & Wheels Are Chocked (If Applicable)

A. PM Information

Hours / Mileage At Last PM: 11934 Date Of Last PM: AUG 14 / 24 Type Of Last PM: 250

List Manufacturer & Types Of Oil Products Being Used:

Check That The Following Fluid Levels Are At The Appropriate Levels And That The Fluids Have Been Sampled:

Level		Sample		Level		Sample		Level		Sample		
Engine Oil(s):	☐	☐	Differential(s):	☐	☐	Compressor(s):	☐	☐	Hydraulic System:	☐	☐	
Coolant(s):	☐	☐	Grease Tub:	☐	☐	Transmission(s):	☐	☐	Pump Drive(s) / PTO:	☐	☐	
Auxiliary Transmission(s) (Rotary, Hoist, Swing, Crowd, Propel, Circle):								☐	☐	Steering / Brakes:	☐	☐
Record Fuel Level: _____										Final Drives / Tandems:	☐	☐

Record Fuel Level:

Final Drives / Tandems:

	Good	Fail	N/A		Good	Fail	N/A
1. Contamination On The Dipsticks	☒	☐	☐	3. Metal Debris On The Plugs	☐	☐	☐
2. Contamination In The Oil	☒	☐	☐				

B. Engine / Exhaust / Fire Suppression

4. Engine For Blow-by Or Leaks	☒	☐	☐	10. Air Filters (Primary & Secondary)	☐	☐	☐
5. Turbos & Intercoolers	☒	☐	☐				
6. Exhaust & Intake Piping & Clamps	☒	☐	☐	13. Fire Extinguisher (Size/Type For Site)	☐	☐	☐
7. Heat & Noise Abatement Materials	☒	☐	☐	14. Fire Extinguisher (No. Req'd For Site)	☐	☐	☐
8. Belts, Water Pumps, Fuel / Oil Lines	☒	☐	☐				
9. Pulleys, Shrouds & Guards	☒	☐	☐				

C. Cooling System

16. Engine Radiator, Mounts & Lines	☒	☐	☐	18. Hydraulic & Compressor (Coolers & Lines)	☒	☐	☐
17. Cooling Fans, Mounts, Guards & Shrouds	☒	☐	☐	19. Air Conditioner (Motor, Lines & Belts)	☒	☐	☐

D. Power Train

20. Torque Converter / Transfer Case	☐	☐	☒	23. Final Drives Or Tandems	☒	☐	☐
21. Transmission	☐	☐	☒	24. Pump Drive(s) / P.T.O.	☐	☐	☒
22. Differentials, Drive Lines, U-Joints	☐	☐	☒	25. Aux. Transmissions (as per Section A above)	☐	☐	☒

E. Undercarriage

26. Idlers & Rollers	☐	☐	☐	29. Track Pads (Loose, Missing Bolts, Broken)	☒	☐	☐
27. Track Tensioners	☐	☐	☐	30. Track Rails (Leaking, Dry Joints, Bushings)	☐	☐	☐
28. Sprockets / Tumblers	☐	☐	☐				

F. Tires

32. Wheel Chocks & Hangers / Holders	☐	☐	☒	36. Wheels / Rims	☐	☐	☒
33. Rock Ejectors	☐	☐	☒	37. Tire Hardware (Loose / Missing Studs / Nuts)	☐	☒	☒
34. Tire Chains (Protection Or Traction)	☐	☐	☒	38. Tire Torque (Nuts Torqued Correctly)	☐	☐	☒
35. Tire Measurements (record below)				39. Tires (Pressure, Leaks, Cuts, Seps, Chunking)	☐	☐	☒

Position	Measurement	Position	Measurement	Position	Measurement

G. Implements (Boxes, Blades, Buckets, Dippers, Clams, Tanks, Rippers, Forks, Drums, Winches, Wings, Kelly Bar, Etc

40. Implement (Cracks, Damage, Leaks)	☒	☐	☐	45. Water Emptied (Tanks, Pumps, Lines, Etc.)	☐	☐	☒
41. Implements (Properly Adjusted / Shimmied)	☒	☐	☐	46. List Any Attachments With The Unit:			
42. Mounts, Bushings, Pins, Keepers, Etc.	☒	☐	☐	47. Note Attachment Serial Nos.:			
43. G.E.T. (Teeth, Adaptors, Shrouds, Edges)	☒	☐	☐	48. Note Any Certification Dates:			
44. Liner / Wear Package	☐	☐	☒				

H. Electrical System

49. Starters & Alternators	☒	☒	☐	☐	53. Master Switch (Disconnects Power Sources)	☒	☐	☐
50. Batteries (Hold Downs, Electrolyte Level)	☒	☒	☐	☐	54. Master Switch (Can Be Locked With Scissors)	☒	☐	☐
51. Wiring & Wiring Harnesses	☒	☒	☐	☐	55. Genset Condition	☐	☐	☒
52. Main Alternator (Electric Trucks & Loaders)	☒	☒	☐	☐	56. Genset Last Service Date & Hours:			

I. Hydraulic, Brake & Steering Systems

57. Lines & Hoses (For Leaks Or Brittleness)	☒	☐	☐	61. Steering Lines & Linkages	☐	☐	☒
58. Pumps, Motors & Valves	☒	☐	☐	62. Brake Lines & Linkages	☐	☐	☒
59. Cylinder Leaks & Damage	☒	☐	☐	63. Brake Discs, Drums, Shoes & Pads	☐	☐	☒
60. Clutch Adjustment	☐	☐	☒				

J. Air & Lube System

64. Air Compressor(s)	(Drain Receiver)	☐	☐	☒	66. Air Lines, Air Tanks, Bull Hoses	☐	☐	☒
65. Air Dryer(s)		☐	☐	☒	67. Lube Pumps, Lines, Injectors, Nipples	☒	☐	☐

Inspection Form

Unit Number <u>EX10</u>	Make & Model <u>HITACHI Z-470LC-5</u>
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STATIC CHECKS

K. Frame & Cab

68. Ladders, Stairs & Grab Irons / Handles
 69. Handrails (Condition, Site Height Req.)
 70. Walkways & Decking
 71. Cab Seals / Weather Stripping
 72. Mirrors & Windows
 73. Cab (Washed, Vacuumed, Floor Mats)
 74. Seat (Armrests, Suspension, Adjustability)
 75. Seat Belt(s) (Condition & Functionality)
 76. Seat Belt(s) Expiration Date:
 77. Gauges, Knobs, Switches & Louvers
 78. Implement Controls / Steering Wheel
 79. Magnetic Clip Only For Radio Mic
 80. Load Charts
 81. Certification Decals (In Place, Condition) (NDT, CVIP, Brake Test, Etc.)
 82. Last Certification Date(s):
 83. Log / Pre-Op. / NSC Inspection Books
 84. Insurance & Registration Documents
 85. Operator Manual Present
 86. Safety Equip. (Flares, First Aid Kit, Etc.)
 87. Safety Decal(s) In Place
 88. R.O.P.S. / F.O.P.S. (Data Plate, Condition)
 89. Escape Hatch

Good Fail N/A

90. Spill Kit (Properly Stocked & Sized)
 91. Buggy Whip & Strobe / Rotating Lights
 92. Unit Numbers (4 Sides) & Decals
 93. Paint, Body, Tin Work, Washed
 94. Mud Guards & Fenders
 95. Signage As Required
 96. Manufacturer Data Plate
 97. Tank Leaks & Debris (Fuel, Hydraulic, Etc.)
 98. Sight Glasses / Level Gauges
 99. Missing Fuel / Oil Caps Or Dipsticks
 100. Fast Fill Receiver(s)
 101. Fast Fill Protection Cap(s)
 102. Struts / Suspensions, Spindles
 103. Fifth Wheel Or Hitch
 104. Frame / Chassis Cracks
 105. Ring Gear / Rotec Bolts
 106. Belly / Stump Pans, Guards
 107. Pivot Shaft, Hardbar & Side Frames
 108. Boom, Stick, Mast, Push Arms, Etc.
 109. Pulleys / Sheaves
 110. Cables / Chains (Pulldown / back, Etc.)
 111. Cables (Hoist, Winch, Gantry, Etc.)
 112. All Moving Parts Have Appropriate Guards

Good Fail N/A

RUNNING CHECKS - IS LIVE TESTING REQUIRED? - YES ☐ No ☐

L. Frame & Cab

113. Emergency Stop Button(s)
 114. Lock Out / Master Switch
 115. Transmission Lockout Switch
 116. Positive Air Shutoff
 117. Doors Open / Close - Latch Properly
 118. Windows Open / Close Properly
 119. Neutral Safety Starting Switch
 120. Safety Lock / Lever
 121. Interior Lights (Dome, Gauges, Etc.)
 122. Gauges & Instrumentation
 123. Heater / Defroster / A/C
 124. Wipers & Windshield Washers
 125. Horns, Backup & Travel Alarms
 126. Cameras & Monitors As Equipped
 127. Hour Meter / Odometer
 128. Correct Two-Way Radio For Site
 129. Limit Switches (Hoist Cut Out, Etc.)
 130. Proximity Switches (Rotary Head, Boarding Ladder, Jack Cylinders, Etc.)

Good Fail N/A

- ← Ensure Unit Is Shut Down. Then Try To Start Unit.
 ← Ensure Unit Is Shut Down. Then Try To Start Unit.

Good Fail N/A

131. Active Fault Codes
 132. Steering & Auxiliary Steering
 133. Park & Service Brakes
 134. Implements (Test All Functions)
 135. Implements (Check For Play / Slop)
 136. Articulation Hitch (Play, Slop)
 137. Ball Studs (Play, Slop)
 138. Exterior (Head, Tail, Brake, Signal, Marker, Beacon / Rotating Lights, Etc.)
 139. Autolube Cycling Properly
 140. Coolant Pre-Heat System / Block Heater
 141. Accumulators Hold Pressure
 142. Retarder Or Dynamics
 143. Shifts Smoothly In All Gears
 144. Clutch Adjustment & Operation
 145. Note Any Abnormal Sounds
 146. Abnormal / Excessive Smoke

Good Fail N/A

LIST ALL FAILED ITEMS BELOW AS WELL AS THE CORRESPONDING CORRECTION DATE

Item #	Deficiency Description	Completion Date
77	- ASH TRAY - DEFECTOR SWITCH	
124	- CRACKED LCD - FOOTER LIGHT	
	- WINDOW WIPER	
	- CAB SEAT	
Is Additional Space Required? YES ☐ NO ☐ If Yes, Please Complete On Reverse Side Of The Page		

PICTURES MUST BE TAKEN OF ALL FOUR SIDES & RETAINED ON SITE
 ALSO ATTACH DETAILED PICTURES OF ANY NOTED DAMAGE

Inspector's

Maintenance Lead's

Printed Name

Signature

Date

EX10 Repair List 2024 @ 12095Hrs

- New window wiper blade
- Repair toolbox light
- Repaired LED lights
- Repaired cab seat
- New injector switch

Repairs Completed: Read Date: Jan 9/25