

Young's - 2021 Flagship Combine Inspection

June 27, 2023

Done

Not Done

fixed myself



Davidson

Case IH CIH 7010 (2007-2008), S/N:HAJ202553

Work Order: W16089
Inspection: 303094
Completed By:
Sep Hours: 2040
Eng Hours: 2839

Prepared For:

Contact
N/A

★ 2024 New Cone Liner
New Vane Stiffeners
All welding done.

Notes:

1. Attached Images



Front



Right



Rear



Left



Interior



Serial Number

2. Inspect, Protect, and Thank You!

- 1 ☒ Install "Inspect and Protect" decal (item 1)
- 2 ☒ Complete, sign, and install "Thank-You" hang tag (item 2)

3. Operational Checks

- 3 ☒ Add Ensure All Belts, Chains & Shields Are In Place. (item 3)

Missing shield around
drive shaft

Timing / Status: 1



4 ☒ Empty Rock Trap, Check Drive Safety Lock. (item 4)

5 ☒ Check Engine, Hydraulic, And PTO Oil Levels Before Starting. (item 5)

6 ☒ Install Seat Cover, Check Seat And Seatbelt Operation. (item 6)

7 ☒ Check Neutral Start Operation. (item 7)

8 ☒ Check Low And High Engine RPM Speeds. Low: 600-1000/ High: 2100/ (item 8)

1000-2100

9 ☒ Check Park Brake Operation. (item 9)

10 ☒ Check Individual Brake And Brake Pedal Interlock Operation. (item 10)

11 ☒ Check Diff-Lock Operation. If Equipped. (item 11)

12 ☒ Check Transmission Operation In All Gears. (item 12)

13 ☒ Check Road Mode Operation. (item 13)

14 ☐ Check Power/Economy Mode. If Equipped. (item 14)

15 ☐ Check Hydraulic Folding Hopper Operation. If Equipped. (item 15)

16 ☒ Engage Separator, Walk Around Unit At Low Idle. Check For Issues. (item 16)

Elevator chain loose

Timing / Status: 2

17 ☒ Walk Around Unit At High Idle. Check For Issues. (item 17)

Tailings belt jumping

Timing / Status: 2

18 ☒ Verify Rotor Speeds In All Gears. (item 18)

19 ☒ Rotor Speed Specs. 1st: 220-450/ 2nd: 420-780/ 3rd: 730-1180/ (item 19)

Low 240-450 Med 420-790

High 730-1200

20 ☒ Check Chopper & Stationary Knife Operation. Low: 780/ High: 3000/ (item 20)

Low 770 High 2800

21 ☒ Check Cleaning Fan Operation And Speeds. Low: 300/ High: 1150/ (item 21)

Low 210 High 1150

22 ☒ Check Spreader Operation And Speeds. Low: 250/ High: 750/ (item 22)

260-740

23 ☒ Verify Feeder House Speeds. Low: 410/ High: 710/ (item 23)

470-570

- 24 ☒ **Passed** Check Feeder House Safety Shutdown. (item 24)
- 25 ☒ **Passed** Check Feeder Reverser Operation. (item 25)
- 26 ☒ **Passed** Check Feeder House Lift & Lateral Tilt (If Equipped) Operation. (item 26)
- 27 ☒ **Passed** Check De-Slug Operation. (item 27)
- 28 ☒ **Passed** Check Unloading Auger Swing Operation. (item 28)
- 29 ☐ **Not Inspected** Check Folding Auger And Adjustable Spout Operation. If Equipped. (item 29)
- 30 ☒ **Passed** Check Unloading Auger Operation. (item 30)
- 31 ☐ **Not Inspected** Check Independent Cross Auger Operation. If Equipped. (item 31)
- 32 ☐ **Not Inspected** Check GPS Engagement And Operation. If Equipped. (item 32)
- 33 ☒ **Passed** Check Heating & Air Conditioning System Operation. If Possible. (item 33)

4. Hydraulic Tests (Indicated Pressures Are Guidelines. Check Model, Year, and Serial Number for Correct Readings.)

- 34 ☒ **Passed** Check Hydro Pressure. (6750 PSI) (item 36)
6638
- 35 ☒ **Passed** Check Low PSI Standby. (375-450 PSI) (item 37)
397
- 36 ☒ **Passed** Check High PSI Standby. (3050 PSI) (item 38)
3048
- 37 ☒ **Passed** Check Steering PSI. (2450-2700 PSI) (item 39)
2543
- 38 ☒ **Passed** Check Regulated PSI. (350 PSI) (item 40)
362
- 39 ☒ **Adjust** Check Control/Charge PSI. (320-450 PSI) (item 41)
296 Adjust
Timing / Status: 2
- 40 ☒ **Adjust** Check Lube PSI. (58 PSI) (item 42)
45 Adjust
Timing / Status: 2

5. Electrical System

- 41 ☒ **Passed** Check Charging Circuit Voltage. (item 45)
13.7

42 ☐ Passed Check Functionality Of The Pro 600/700 Monitor. (item 46)

43 ☐ Passed Check & Record Any Active Error Codes. (item 47)

44 ☐ Passed Check Software Version On All Controllers. (Quote To Update If Needed) (item 48)

45 ☐ Adjust Calibrate The Combine & GPS Components. (item 49)

Recommended

Timing / Status: 3

46 ☐ Replace Check Function Of All Lights. (item 50)

RH front flasher burnt out

Timing / Status: 1



47 ☐ Repair Check Back Up Alarm & Horn. (item 51)

Horn does not work

Timing / Status: 1

48 ☐ Not Inspected Check Camera(s) Operation. If Equipped. (item 52)

49 ☐ Passed Check AM/FM Radio Operation. (item 53)

50 ☐ Not Inspected Check Power Mirror Operation. If Equipped. (item 54)

51 ☐ Passed Check Wiper & Washer Operation. (item 55)

52 ☐ Passed Check Concave Motor Operation. (item 56)

53 ☐ Passed Check Top & Bottom Sieve Operation. (Cab & Remote Buttons) (item 57)

54 ☐ Passed Check Grain Loss & Tailings Volume Sensors. (item 58)

55 ☐ Passed Check Electric Fuel Pump Operation. (item 59)

56 ☐ Passed Check Grain Tank Level Sensors. (item 60)

57 ☐ Not Inspected Check Spreader Deflectors & Whale Tale Operation. If Equipped. (item 61)

58 ☐ Not Inspected Check Windrower Door Operation. If Equipped. (item 62)

59 ☐ Repair Check Fuse #26, Make Sure Its A 25 Amp Fuse. (Old Style Cab) (item 63)

Has 15 amp fuse still

Timing / Status: 1



60 ☐ Passed Check & Clean All Chassis Ground Points. (Quote) (item 64)

✓ 61 **Replace** Battery Service. (Swap Batteries On 30 Series) (Quote) (item 65)

Tests were good but front battery positive post is melted and have a hard time starting combine as doesn't make good connection all the time

Timing / Status: 1



62 **Not Inspected** Check Over Deadman Switch & Operation. (item 66)

63 **Passed** Check All Power Accessory Points. (Cab & On The Combine) (item 67)

64 **Passed** Check Yield/Moisture System. Remove Sample Auger & Temp. Sensor (item 68)

65 **Passed** Check Over GPS System. (Electrical & Hydraulic Components) (item 69)

6. Feeder House

66 **Passed** Check Over Housing & Floor. (item 72)

67 **Passed** Check Rear Pivot Pins & Feeder House Sensor. (item 73)

68 **Passed** Check Feeder House Lift Cylinders. (item 74)

✓ 69 **Repair** Check Over Feeder Face. (item 75)

2 dents

Timing / Status: 4



70 **Passed** Check Feeder Face Pivot, Cylinder, & Sensor. If Equipped. (item 76)

71 **Passed** Check Feeder Upper & Lower Pivot Seals. (item 77)

7. Feeder Chain

72 **Passed** Check Feeder Chain Slats, Links, & Connectors. (item 80)

73 **Repair** Check Feeder Chain Tensioners. (item 81)

RH pipe seized to rod

Timing / Status: 2



74 **Passed** Check Over Top Sprocket. (Cupping, Splines, & Slip Clutch) (item 82)

75 ☐ Passed Check Top Sprocket R/H Bearing. (item 83)

76 ☐ Passed Check Upper Strippers. (item 84)

77 ☐ Replace Check Feeder Wear Strips. (item 85)

Worn right through
Timing / Status: 1



8. Feeder Gearboxes

78 ☐ Passed Check Driveshafts, U-Joints, Steading Bearing, & Phasing. (item 88)

79 ☐ Replace Remove & Check Over Feeder Gear Box. (Splines, Seals, & Breather) (item 89)

**Breather plugged and rock
trap beater shaft bearing
has play**

Timing / Status: 1



80 ☐ Replace Check Over Header Gearbox & Breather. (item 90)

Breather plugged
Timing / Status: 1



9. Rock Trap

81 ☐ Passed Check Over Rock Trap Beater & Blades. (item 93)

82 ☐ Passed Check Rock Trap R/H Bearing. (item 94)

10. Front Drum

83 ☐ Passed Check Over Front Drum. (item 97)

84 ☐ Adjust Check Drum Stops. (item 98)

**Drum stops not set
properly. Higher on one
side than the other**

Timing / Status: 1



85 ☐ Passed Check Drum Arms & Bearings. (item 99)

11. Concaves

✓ 86 **Repair** Remove Front 4 Concaves & L/H Separator Grates. (Inspect) (item 102)

**Bent, cracks, and broke.
Need to be straightened
and welded**

Timing / Status: 1

*Bought New
ones.*



87 **Passed** Check Concave Mounting Hardware. (item 103)

88 **Adjust** Recommend Zeroing & Setting Pinch Point. (item 104)

Recommended

Timing / Status: 3

89 **Repair** Check Concave Adjusting Motor, Mount, & Sensor. (item 105)

**Pipe moves so can't go all
the way up with the
concaves**

Timing / Status: 1



90 **Replace** Check R/H Front Concave Frame Adjusters. (item 106)

Bolt bent

Timing / Status: 1



91 **Passed** Check R/H Front Concave Frame Pivots. (Install Lock Nuts) (item 107)

92 **Repair** Check Over Front & Rear Concave Frames. (item 108)

Rear frame broke

Timing / Status: 1



12. Cone

93 **Replace** Check Over Transition Cone & Vanes. (item 111)

Cone has holes

Timing / Status: 1

94 **Passed** Check Inlet Castings & H 2)



95 **Passed** Check For Loose Or Missi dware. (item 113)



96 **Replace** Half moon

Hole worn through and bolts missing

Timing / Status: 1



13. Rotor

97 **Passed** Check Impeller Blades & Wear Bars. (item 116)

98 **Replace** Check Front Bearing, Cast Housing, & Mounting Plate. (item 117)

Front plate broke around both bottom bolt holes and dented

Timing / Status: 1



99 **Add** Install Nuts On Front Bearing Casting Housing. (If Needed) (item 118)

Recommended

Timing / Status: 3



100 **Repair** Check Front Rotor Shaft Run Out. (Spec .055") (item 119)

Out of balance when spin by hand and shakes when running

Timing / Status: 1

101 **Passed** Check Rasp Bars, Separator Bars, Kickers, & Mounts. (item 120)

102 **Passed** Check Rotor Tube For Damage. (item 121)

14. Rotor Cage

103 **Repair** Check Rotor Cage For Cracks Or Distortion. (item 124)

Broken and hole worn

Timing / Status: 1

104 **Repair** Check Rotor Cage L/H 8

Vanes missing

Timing / Status: 1



125)



105 **Passed** Recommend Shortening R/H Rear Vane. (10, 20, 30 Early Series Only) (item 126)

15. Rotor Gearbox

106 **Passed** Check Over Rotor Gearbox. (Leaks) (item 129)

107 **Passed** Check Shifting Cable & Gearbox Breather. (item 130)

108 **Passed** Check Rotor CVT Driveshaft Hardware. (Loctite & Torque To 45 Ft/Lbs.) (item 131)

109 **Passed** Check Position Of Rear Coupler To Gearbox Gear. (item 132)

110 **Passed** Check Input Shaft For Movement. (item 133)

16. Grain Pan

111 **Passed** Check Spot Welds & For Cracks (item 136)

112 **Passed** Check All Seals & Hanger Arms/Rubber Bushings. (item 137)

113 **Passed** Check That Joiner Tabs Are Not Missing. (item 138)

17. Shoe System

114 **Passed** Remove Drive Belt, Check All Pulleys & Tension Arms. (item 141)

115 **Passed** Check That The Flywheel Pulley Hardware Is Loctited. (58 Ft/Lbs.) (item 142)

116 **Passed** Manually Pivot Shoe Frame Full Left & Right. (item 143)

117 **Passed** Check Shoe System Actuator. (item 144)

118 **Passed** Check Frames For Cracks Or Misalignment. (item 145)

119 **Passed** Check Hanger Arms & Rubber Bushings. (item 146)

120 ☐ Passed Inspect All Seals. (item 147)

121 ☐ Passed Check Front Frame Pivot. (item 148)

122 ☐ Passed Check Rear Pivot, Bearing, & Wear Strip. (item 149)

123 ☐ Replace Check Rear Rollers & Bushings. (item 150)

Recommend update kit

Timing / Status: 3



124 ☐ Passed Check Pre-Sieve And Lever Operation. (item 151)

125 ☐ Passed Remove Top Sieves, Check Both Top & Bottom Sieves. (item 152)

126 ☐ Passed Check Sieve Actuators & Mounts. (item 153)

127 ☐ Adjust Synchronize Top & Bottom Sieves. (item 154)

Recommend

Timing / Status: 3

128 ☐ Repair Tin under sieves

**Bent up. Needs to be
straightened**

Timing / Status: 1



18. Cleaning Fan

129 ☐ Passed Inspect Cleaning Fan Housing & Clean Out Door. If Equipped. (item 157)

130 ☐ Passed Check Cleaning Fan Blades And Clearance. (7-9mm) (item 158)

131 ☐ Passed Check Cleaning Fan Shaft And Bearings. (item 159)

132 ☐ Passed Check Hydraulic Motor, Coupler, Mount, Valve, & Hyd. Lines. (item 160)

133 ☐ Passed Check Speed Sensor & Wiring Harness Routing. (item 161)

19. Clean Grain Elevator

134 ☐ Passed Check Drive Belt & Drive Pulleys. (item 164)

135 ☐ Passed Check Belt Tensioner Arm Assembly, Alignment, & Hardware. (item 165)

136 **Replace** Check Drive Chain, Sprockets, And Tensioner Rod Assembly. (item 166)

Chain worn right out

Timing / Status: 1

137 **Passed** Check Slip Clutch & Drive Pulley For Looseness On Shaft. (item 167)

138 **Passed** Check Clean Grain Elevator Housing. (item 168)

139 **Replace** Check Bottom Boot & Middle Divider. (item 169)

Boot worn a hole

Timing / Status: 1



140 **Adjust** Check Elevator Chain, Paddles, & Connectors. (item 170)

Chain loose. Adjust

Timing / Status: 1

141 **Replace** Check Bottom Sprocket & Key Way. (item 171)

Lots of play on sprocket

Timing / Status: 1

142 **Passed** Check Elevator Chain Tensioner Arm & Draw Bolt. (item 172)

143 **Passed** Check Elevator Head, Top Shaft, Sprocket, & Bearings. (item 173)

20. Tailings Processor

144 **Passed** Remove Clean Door & Check Latch. (item 176)

145 **Replace** Check Tailings Drive Belt & Alignment Of The Pulleys. (item 177)

**Belt stretched right out
and pulley is loose and will
slide right off**

Timing / Status: 1



146 **Passed** Check Drive Belt Tensioner Arm Assembly & Hardware. (item 178)

147 **Repair** Check Tailings Housing For Cracks and/or Holes. (item 179)

Lots of holes

Timing / Status: 1



148 **Passed** Check Output Deflector & For Material Build Up. (item 180)

149 **Repair** Check Over Top Gearbox, Mount, & Oil Level. (item 181)

Mount cracked

Timing / Status: 1



150 **Passed** Check Middle Paddle Assembly, Key Way, & Set Screws. (item 182)

151 **Passed** Check Bottom Paddle & Bearing. (item 183)

152 **Passed** Check Tailings Volume, Speed Sensor, & Wiring Harness. (item 184)

21. Auger Trough

153 **Repair** Remove Clean Out Doors & Clean Them. (item 187)

Wrong pin installed on returns

Timing / Status: 3



154 **Passed** Check Auger Flight On Both Augers. (item 188)

155 **Passed** Check L/H Auger Bearings. (item 189)

156 **Passed** Check Over Auger Trough Housing For Cracks. (item 190)

22. Chopper

157 **Passed** Remove & Check Chopper Drive Belts. (item 193)

158 **Add** Check Drive Pulleys & Tensioner Pulleys/Arms. (Seizing) (item 194)

Recommend grease

nipples

Timing / Status: 3

159 **Passed** Check Chopper Speed Shifter Assembly/Bearing, If Equipped. (item 195)

160 **Passed** Check Alignment Of Chopper Pulleys & Chopper Blades. (item 196)

161 **Passed** Check All Chopper Bearings. (item 197)

162 **Passed** Check Run Out On Both Chopper Shafts. Inner: 0.004" / Outer: 0.007" / (item 198)

163 **Passed** Check Chopper Mounting Frames For Cracks. (item 199)

164 **Passed** Check Mounting Frames For Missing Hardware. (10,20,30, Early 40) (item 200)

*New updated
chopper bearings
in 2023* ✓

165 ☐ Passed Check If Chopper Shim Is Needed. (Only On 10,20,30 Old Cab) (item 201)

166 ☐ Passed Check Chopper Plastic Side Seals & Chopper Plugs. If Equipped. (item 202)

23. Knives & Discharge Pan

Fixed
✓

167 ☐ Replace Check Discharge Pan For Cracks and/or Damage. (item 205)

Discharge pan is bent

Timing / Status: 2



168 ☐ Replace Check Stationary Knives, Assembly & In Proper Position. (item 206)

Knives missing and bent

Timing / Status: 1



169 ☐ Passed Check R/H Chopper Discharge Deflector. (item 207)

170 ☐ Passed Check Chopper Tube And Knife Mounts. (item 208)

171 ☐ Passed Check Chopper Knives For Wear, Damaged, and/or Missing. (item 209)

24. Spreaders

172 ☐ Passed Check Spreader Housing/Whale Tail For Cracks. (item 212)

173 ☐ Passed Check Spreader Paddles For Wear, Damage, and/or Cracks. (item 213)

174 ☐ Replace Check Spreader Motors, Valve & Hydraulic Lines For Leaks. (item 214)

RH motor leaking

Timing / Status: 1



175 ☐ Passed Check Spreader Distribution Bars For Cracks Or Missing. If Equipped. (item 215)

176 ☐ Passed Check Spreader Deflector Assemblies, Actuators, Or Manual Adjusts. (item 216)

177 ☐ Passed Check Spreader Latching Assembly & Hardware. (item 217)

178 ☐ Passed Check Chaffer Pan & Center Guide. (item 218)

not
bad

25. Straw Hoods

- 179 ☐ Passed Check For Holes In Straw Hoods & Canvas For Wear. (item 221)
- 180 ☐ Passed Recommend Hd Pans Be Installed. (item 222)

26. Grain Tank

- 181 ☐ Passed Check Incline Drive Chain & Sprockets. (item 225)
- 182 ☐ Repair Check Grain Tank For Leaks & Loose Hardware. (item 226)

**Hole in hopper above
rotor Bracket and bolt
bent for hopper cover**
Timing / Status: 1



- 183 ☐ Passed Check Rubber Corner Extensions. (item 227)
- 184 ☐ Not Inspected Check Hydraulic Hopper Extension Seals. (item 228)
- 185 ☐ Passed Check Over Flighting On Cross Augers. (item 229)
- 186 ☐ Passed Check Operation Of Cross Auger Covers. (item 230)
- 187 ☐ Passed Check Over Flighting On Incline Auger & Top Bearing. (item 231)
- 188 ☐ Passed Check Incline Auger Housing For Cracks. (item 232)
- 189 ☐ Passed Check Incline Auger Gearbox Oil Levels. (item 233)

27. Unloading Auger

- 190 ☐ Passed Check Unloading Auger Tubing. (item 236)
- ✓ 191 ☐ Replace Check Unloading Auger Timing. (item 237)

Lots of play on splines
Timing / Status: 2

*Took apart & packed
full of grease*



- 192 ☐ Passed Check The Angle Of The Unloading Auger Tube. (Common Cab 2-3 Degrees) (item 238)

193 **Passed** Check End Spout and/or Adjustable Spout & Actuator. If Equipped. (item 239)

194 **Not Inspected** Check Folding Auger Hinge, Seal, & Actuator. If Equipped. (item 240)

195 **Passed** Check Unloading Drive Belt & Jackshaft. (item 241)

196 **Not Inspected** Check Independent Cross Auger Belt & Jackshaft. If Equipped. (item 242)

197 **Passed** Check Unloading Auger Drive Chain & Sprockets. (item 243)

198 **Not Inspected** Check Independent Cross Auger Drive Chain & Sprockets. If Equipped. (item 244)

199 **Replace** Check Upper & Lower Gearbox Oil Levels. (item 245)

Plug stripped

Timing / Status: 1



28. Engine

200 **Repair** Check Engine Bay For Debris. (item 248)

Packed under motor and gearbox

Timing / Status: 1



201 **Repair** Check Air Intake System & Hose Clamps. (item 249)

Filter plugged solid and need to clean aspirator out and check flap

Timing / Status: 1



202 **Passed** Check Wiring Harnesses, Sensors On & Around The Engine. (item 250)

203 **Repair** Check Over Engine & Oil Filter Lines For Leaks. (item 251)

Engine oil drain leaking and a couple leaks Has to be washed first to see what is leaking

Timing / Status: 1



204 **Passed** Check Bell Housing Bottom Hole For Oil Accumulation. (item 252)

205 **Replace** Check Over Entire Exhaust System, Including Check Valve. (item 253)

Rain cap bushing shot

Timing / Status: 3

206 **Repair** Check Over Coolant Sys se Clamps. (item 254)

Not a drop of coolant in reservoir and sensor must not work as never went off

386

Timing / Status: 1



207 **Passed** Check Engine Fan Blade For Wear. (item 255)

208 **Passed** Check Engine Fan Mount & Mounting Hardware. (item 256)

209 **Passed** Check Engine Fan Belt(s) & Tensioner/Pulley. (item 257)

210 **Passed** Check Over Alternator & For Debris On Screen. (item 258)

211 **Passed** Check Engine/Alternator Belt & Pulleys. (item 259)

212 **Passed** Check Air Conditioning Drive Belt & Compressor. (item 260)

213 **Passed** Check Air Conditioning Hoses, Evaporator, And Wiring. (item 261)

214 **Passed** Check Cab Heater Hoses & Connections. (item 262)

215 **Passed** Check Over Rotary Air Screen Box, Door, Door Seal & Latch. (item 263)

216 **Repair** Check Over Radiator & All Coolers. (Silicone If Not Done). (item 264)

Rads need to be blown out

Timing / Status: 1



217 **Passed** Check Over Rotary Air Screen & Brushes. (item 265)

218 **Passed** Check Rotary Air Screen Drive Belt(S) & Driveshaft. If Equipped. (item 266)

219 **Not Inspected** Check Rotary Screen Wands, Seals, & Brushes. (40 Series). If Equipped. (item 267)

220 **Passed** Check Rotary Air Screen Hyd Drive Motor & Hyd Lines. If Equipped. (item 268)

221 **Not Inspected** Check Over Vacuum Fan, Duct Tubing & Framing. If Equipped. (item 269)

29. Fuel System

222 **Passed** Drain Water From Water Separator Fuel Filter. (item 272)

223 **Replace** Check Fuel Lines For Leaks and/or Weather Cracking. (item 273)

All lines around pump and filter are cracked

Timing / Status: 2



224 **Passed** Check Entire Fuel System For Leaks. (item 274)

225 **Passed** Check For Fuel Tank Breather & Assembly. (item 275)

226 **Passed** Check Fuel Tank Breather Check Valve Position & Hose Routing. (item 276)

227 **Passed** Check For Collapsed Fuel Tank and/or Fuel Line. (item 277)

30. SCR System

228 **Not Inspected** Check Over SCR System Components. If Equipped. (item 280)

229 **Not Inspected** Check Over DEF Tank & Sending Unit. If Equipped. (item 281)

230 **Not Inspected** Check Over DEF Injector and/or For Leaks. If Equipped. (item 282)

231 **Not Inspected** Check Over EGR Valve, D.O.C., & Catalyst. If Equipped. (item 283)

232 **Not Inspected** Recommend Performing 3 Tests, After Replacing Filters. If Equipped. (item 284)

31. PTO System

233 **Passed** Check Hydraulic Lines And Fittings For Leaks. (item 287)

234 **Repair** Check PTO Gearbox Sump For Leaks. (item 288)

Seal leaking behind chopper drive pulley

Timing / Status: 1



235 **Passed** Check Triple Gear Pump For Leaks. (item 289)

236 **Passed** Check Control Pressure Valve & Sensors. (item 290)

237 **Passed** Check Over Rotor CVT, Valve & Solenoid Nuts. (item 291)

238 **Passed** Check Over Feeder CVT & Valve. (item 292)

- 239 ☒ **Passed** Check Rotor Hydro Drive System. (item 293)
- 240 ☒ **Passed** Check Feeder Hydro Drive System. If Equipped. (item 294)
- 241 ☒ **Passed** Check Separator/Chopper Valve & Drive Pulley. (item 295)
- 242 ☒ **Passed** Check Unloading System Valve. (item 296)
- 243 ☒ **Passed** Check Over Wiring Harness On & Around PTO Gearbox. (item 297)

32. Hydraulic System

- 244 ☒ **Passed** Check Over Hydraulic Reservoir, Fill Tube & Sight Glass. (item 300)
- 245 ☒ **Passed** Check Drain Tubes & Clamps. (item 301)
- 246 ☒ **Passed** Check Hydraulic Pump For Leaks. (item 302)
- 247 ☒ **Passed** Check All Hydraulic Lines & Fittings For Leaks. (item 303)
- 248 ☒ **Passed** Check Main Hydraulic Valve & For Loose Solenoids/Valves. (item 304)
- 249 ☒ **Passed** Check Feeder Hydraulic Valve & Feeder House Creep. (item 305)
- 250 ☒ **Passed** Check Over Unloading Auger Swing & Hopper Top Valves. (item 306)
- 251 ☒ **Passed** Check Over Park Brake/Regulating Hydraulic Valve. (item 307)

- 252 ☒ **Replace** Check Header Valve, Hoses, & Quick Coupler For Leaks. (item 308)

Hose leaking

Timing / Status: 1

Fixed in 2023



33. Hydro System

- 253 ☒ **Passed** Check Over Hydro Pump & Hydraulic Fittings. (item 311)
- 254 ☒ **Passed** Check Hydro Rubber Hoses & Mounting Clamps. (item 312)
- 255 ☒ **Passed** Check Over Hydro Motor & Hydraulic Fittings. (item 313)
- 256 ☒ **Passed** Check Weep Hole On Hydro Motor Mount For Oil Accumulation. (item 314)
- 257 ☒ **Passed** Check Over Wiring Harness & Electrical Components. (item 315)

34. Ground Drive System

- 258 ☐ Passed Check Over Transmission For Oil Leaks. (item 318)
- 259 ☐ Passed Check Transmission Shifting Motor & Gear Indicator. (item 319)
- 260 ☐ Passed Check Transmission Oil Level & Breather. (item 320)
- 261 ☐ Passed Check Over Brake Rotors, Calipers, Brake Pads, & Brake Wiring Harnesses. (item 321)
- 262 ☐ Passed Check Brake Fluid. (item 322)
- 263 ☐ Passed Check Over Park Brake Assembly. (item 323)
- 264 ☐ Passed Check Over Driveshafts & Couplers For Wear. (Quote) (item 324)

- ✓ 265 ☐ Repair Check Over Final Drives For Oil Leaks. (item 325)

RH final drive leaking

Timing / Status: 1

No leaks



- 266 ☐ Passed Check Final Drive Oil Levels & Breathers. (item 326)

35. Steering & Rear Axle

- 267 ☐ Passed Check Over Steering Hand Pump. (item 329)
- 268 ☐ Passed Check All Steering System Hydraulic Lines, Hoses & Fittings. (item 330)
- 269 ☐ Passed Check Steering Cylinders, Ball Joints & Steering Stops. (item 331)
- 270 ☐ Passed Check Over Rear Axle For Cracks. (item 332)
- 271 ☐ Passed Check Steering Link & Ball Joints. (item 333)
- 272 ☐ Passed Check Over Spindles. (item 334)
- 273 ☐ Passed Jack Up Rear Axle & Check Wheel Bearings. (item 335)
- 274 ☐ Passed Remove Hub Cap & Check Cotter Pins. (Quote Adjustment And New Cotter Pin. Loctite & Torque To 44 Ft/Lbs.) (item 336)

36. Tires & Wheels

- 275 ☐ **Passed** Check Over Tires & Rims For Damage. (item 339)
- 276 ☐ **Passed** Check Tires Pressures. (item 340)
- 277 ☐ **Passed** Torque Wheel Mounting Hardware. (Front & Rear) (item 341)

37. Chassis

- 278 ☐ **Passed** Check Over Body Panels & Decals. (item 344)
- 279 ☐ **Passed** Check Clean Grain Elevator Head Access Body Panel. (item 345)
- 280 ☐ **Passed** Check Over Framing For Cracks. (item 346)
- 281 ☐ **Passed** Check Over Front Axle & Mounting Hardware. (item 347)
- 282 ☐ **Passed** Check Over Cab Interior & Exterior. (item 348)
- 283 ☐ **Passed** Check Over Windows, Doors & Seals. (item 349)

- 284 ☐ **Replace** Check Over Mirror Extension Arms & Mounts. (item 350)

Both Mirrors are broke
Timing / Status: 1



- 285 ☐ **Repair** Check Safety Rails & Equipment. (item 351)

Top railings above motor is missing and brackets bent. Shock on door above motor is shot.
Timing / Status: 1



- 286 ☐ **Replace** Check Fire Extinguishers & Mounts. If Equipped. (item 352)

One on latter no good
Timing / Status: 1



- 287 ☐ **Not Inspected** Check Cleaning System Angle With Header Installed. (3.5 deg) (item 353)

- 288 ☐ **Passed** Check Front Truss Rod Tension. (item 354)

38. Maintenance Section

290 **Replace** Change Engine Oil & Filter(s). (Quote) (item 358)

Recommend

Timing / Status: 3

291 **Replace** Change Engine Air Filters. (Quote) (item 359)

Plugged solid

Timing / Status: 1



292 **Replace** Change Fuel Filters. (Quote) (item 360)

Recommend

Timing / Status: 3

293 **Replace** Change Engine Crankcase Breather. (Quote) (item 361)

Recommend

Timing / Status: 3

294 **Not Inspected** Change DEF Filters. (Quote) (item 362)

295 **Replace** Change PTO Gearbox Oil & Filters. (Quote) (item 363)

Recommend

Timing / Status: 3

296 **Replace** Change Hydraulic Oil and/or Filters. (Quote) (item 364)

Recommend

Timing / Status: 3

297 **Replace** Change Transmission Oil. (Quote) (item 365)

Recommend

Timing / Status: 3

298 **Replace** Change Final Drive Oils. (Quote) (item 366)

Recommend

Timing / Status: 3

299 **Replace** Change Rotor Gearbox Oil. (Quote) (item 367)

Recommend

Timing / Status: 3

300 **Replace** Change Feeder Gearbox Oil. (Quote) (item 368)

Recommend

Timing / Status: 3

301 **Replace** Change Header Gearbox Oil. (Quote) (item 369)

Recommend

Timing / Status: 3

302 **Passed** Change Tailings Gearbox Oil. (Quote) (item 370)

303 Change Both Incline Auger Gearbox Oils. (Quote) (item 371)

Recommend

Timing / Status: 3

304 Change Upper & Lower Unloader Gearbox Oils. (Quote) (item 372)

Recommend lower

Timing / Status: 3

305 Change Brake Fluid. (Quote) (item 373)

306 Change Recirculating Air & Cab Filters. (Quote) (item 374)

Recommend

Timing / Status: 3

307 Top Up Windshield Washer Fluid. (Quote) (item 375)

✓ 308 Grease Combine. (Quote) (item 376)

Recommend

Timing / Status: 3

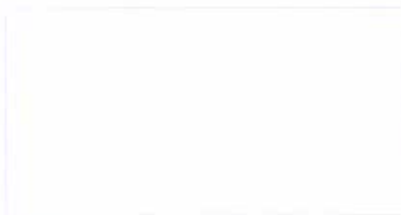
309 Engine Valve Set, Required Every 1500 Hrs. (Quote) (item 377)

39. Additional / Miscellaneous

310 Ask customer if they want the old parts (item 386)

40. Signature

☐ Required



Please enter your name

Please enter your company

Accept

Clear