

## Grain Harvesting Equipment

Date: 31/07/2025      Location: Bellevue Machinery. Warracknabeal, Victoria

Machine Type: Header. **NO FRONT**

Make: John Deere

Model: S780

Hours: Eng 1209. Sep 949

Serial Number: 1Z0S780AJMF127136

Clean: Yes/**No** Harvest Residue still in machine

Engine Oil Analysis: **Yes**/No

Hydraulic Oil Analysis: Yes/**No**

Coolant Analysis: Yes/**No**

Diff/Planetary/Main Gearbox: Yes/**No**

### Engine: Visual Inspection

Item	OK	Not Ok	Comments
Engine Oil	✓		
Engine Temp	✓		
Last Service	✓		
Leaks	✓		
Filters	✓		
Air Cleaner	✓		New Air Cleaner
Turbo/Exhaust	✓		
Wiring/Alternator	✓		
Belts/Hoses/Clamps	✓		
Radiator	✓		
Oil Coolers	✓		
Screens	✓		
Fuel Pump	✓		
Fuel Injectors	✓		
Fuel Tank	✓		
Batteries	✓		
Corrosion	✓		
Covers/Guards	✓		
Overall Appearance	✓		

### Hydraulic/Mechanical Drive System

Oil Level			Low
Hyd engage Drive Units	✓		
Hyd Pumps	✓		
Hyd Cylinders	✓		
Valve Blocks	✓		
Steering	✓		
Hydrostatic Drive	✓		

Quick Couplings	✓		
Leaks	✓		

### Separator/Cleaning System

#### Rotor Type:

Feeder House	✓		
Feeder House Chain	✓		Dry, slightly loose. Sprockets look ok.
Drive Belts/Chains	✓		
Rotor Condition	✓		
Rotor Bearing/s	✓		
Thresh Elements	✓		Middle ones new. Front ones have slight wear
Rotor Belt	✓		
Rotor Drive Clutch	✓		
Rotor Drive Gearbox	✓		
Top Cover	✓		
Concaves	✓		Two have slight damage.
Discharge Beater	✓		
Straw Walkers			
Sieves	✓		Top: Some bent. Bottom: OK – used bore scope camera
Sieve Arms/Bushes	✓		
Fan	✓		
Clean Grain Elevator	✓		
Cross Auger	✓		
Returns	✓		
<b>Grain Tank</b>			
Unload Auger	✓		Drive chain dry. Sprockets look ok
Sample System	✓		
Moisture Meter	✓		
Grain Loss Monitors	✓		
Scales/Yield Monitors	✓		
<b>Adjustments</b>			Operated in Harvest Mode for 15 minutes. Feederhouse and Front not engaged
Rotor Speed	✓		
Concave Clearance	✓		
Fan Speed	✓		
Sieve Settings	✓		
Others	✓		
<b>Choppers and Spreaders</b>			
Drive Belt/Pullies	✓		
Chopper Knives	✓		Some worn
Spreaders	✓		
Spreader Drive	✓		
<b>Grease Points/ Auto Greaser</b>			Full Service required. Engine Oil Sample Taken

<b>Cab</b>			
Air Conditioner	✓		
Radio	✓		
Two Way Radio	✓		
Screens/Monitors	✓		
Auto Steer	✓		
Upholstery	✓		
Seat Condition/Functions	✓		
<b>Functions/Main Controls</b>			
Front Up/Down			No Front Attached
Reel Up/Down			
Reel In/Out			
Front Tilt			
Reel Speed			
Auto Steer	✓		
Auger In/Out	✓		
Auger Start/Stop	✓		
Drive Fwd/Back	✓		
Pre Set Height			
Separator Start	✓		
Front Start			
<b>Adjustment Controls</b>			
Rotor Speed	✓		
Concave Clearance	✓		
Sieve Settings	✓		
Fan Speed	✓		
Engine Revs	✓		
Park Brake	✓		
Grain Loss Monitors	✓		
Lights	✓		
Grain Tank Window	✓		
Orange Beacons	✓		
Mirrors	✓		
<b>Fault Codes</b>			Fault Code: RC1.003 516693.03 - Trailer Stop light short