

Stock Number: 0U240315

Model: 2454D Serial Number: 1FF2454DTGD240315



EVAL INSPECTION — ADVANCED — FORESTRY SWING MACHINES

2016 John Deere 2454D
Stock: 0U240315
Serial: 1FF2454DTGD240315
Harvester
Warranty Unknown

STORAGE LOCATION
Brandt Tractor Ltd. / 765379
Timmins, ON, P4N 7X8
Contact:

PHOTOS (11 Total)



SUMMARY

Overall Condition: GOOD
Overall Comments: Machine is in good condition, Quadco L220, New long block Engine and Turbo (April 15 2020-Brandt Timmins)
Evaluator's Name:
Operated Machine: No
Hours: 5,913

| | EXC | GOOD | AVG | FAIR | POOR | N/A | Comments | Estimated Cost | | |
|---|-----|------|-----|------|------|-----|----------|----------------|--------|-------|
| | | | | | | | | Parts | Labour | Total |
| General Appearance | | X | | | | | | 0 | 0 | 0 |
| Instruments / Controls | | X | | | | | | 0 | 0 | 0 |
| Cooling System Checks | | X | | | | | | 0 | 0 | 0 |
| Engine Checks | | X | | | | | | 0 | 0 | 0 |
| Transmission Checks | | X | | | | | | 0 | 0 | 0 |
| Differential, Brakes and Final Drive Checks | | X | | | | | | 0 | 0 | 0 |
| Hydraulic System Checks | | X | | | | | | 0 | 0 | 0 |
| Chassis and Frame Checks | | X | | | | | | 0 | 0 | 0 |
| Undercarriage | | X | | | | | | 0 | 0 | 0 |
| Forestry Heads & Attachments | | | | | | X | | 0 | 0 | 0 |
| Undercarriage Measurements | | | | | | | | 0 | 0 | 0 |

GENERAL APPEARANCE

| | | | | | | | | Estimated Cost | | |
|--------------------------------|-----|------|--------|--------|---------|-------|--------------------------------|----------------|--------|-------|
| | NEW | GOOD | USABLE | REPAIR | REPLACE | N / A | | Parts | Labour | Total |
| | | | | | | | Comments | | | |
| Sheet Metal | | X | | | | | | | | |
| Rust / Corrosion | | X | | | | | | | | |
| Paint | | X | | | | | | | | |
| Seat / Seat Belt / Rotation | | X | | | | | | | | |
| Doors / Glass | | | X | | | | lightly cracked area in window | | | |
| Lights | | | | X | | | 3 lights not working | | | |
| Mirrors | | X | | | | | | | | |
| Cab Interior | | X | | | | | | | | |
| Periodic Maintenance | | X | | | | | | | | |
| PIPS Complete | | X | | | | | | | | |
| Parking Brake / Linkage / Lock | | X | | | | | | | | |
| Decals | | X | | | | | | | | |
| Operators Manual | | X | | | | | | | | |
| Pilot Shut Off / Neutral Lock | | X | | | | | | | | |
| Shields/Guards(Drive Shaft) | | | | | | X | | | | |
| Section Summary | | X | | | | | | | | |

INSTRUMENTS / CONTROLS

| | | | | | | | | Estimated Cost | | |
|--|-----|------|--------|--------|---------|-------|--|----------------|--------|-------|
| | NEW | GOOD | USABLE | REPAIR | REPLACE | N / A | | Parts | Labour | Total |
| Hour Meter: Original <div><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</div> Operating <div><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</div> | | X | | | | | | | | |
| Charging System | | X | | | | | | | | |
| Engine Oil Pressure Gauge | | X | | | | | | | | |
| Temp Gauges(Eng,Trans,Hyd) | | X | | | | | | | | |
| Switches (Key, MFWD, Propel, etc.) | | X | | | | | | | | |
| Neutral Start Circuit | | X | | | | | | | | |
| Alarms (Travel, Backup) | | X | | | | | | | | |
| Monitor / Indicator Circuits | | X | | | | | | | | |
| Air Restriction Indicator | | | | | | X | | | | |
| Section Summary | | X | | | | | | | | |

COOLING SYSTEM CHECKS

| | | | | | | | | Estimated Cost | | |
|---------------------------------|-----|------|--------|--------|---------|-------|----------|----------------|--------|-------|
| | NEW | GOOD | USABLE | REPAIR | REPLACE | N / A | Comments | Parts | Labour | Total |
| Coolant Level / Quality | | X | | | | | | | | |
| Coolant Operating Temperature | | X | | | | | | | | |
| Coolant Leaks | | X | | | | | | | | |
| Head Gasket Leakage | | X | | | | | | | | |
| Water Pump Check | | X | | | | | | | | |
| Fan Blades / Pulleys / Shrouds | | X | | | | | | | | |
| Fan Guard | | X | | | | | | | | |
| Belts / Hoses / Clamps | | X | | | | | | | | |
| Radiator / Oil Cooler Condition | | X | | | | | | | | |
| Radiator Mounts | | X | | | | | | | | |
| Air Conditioning System Check | | X | | | | | | | | |
| Section Summary | | X | | | | | | | | |
| | | | | | | | | | | |

ENGINE (ENGINE DETAILS NOT PROVIDED)**ENGINE CHECKS**

| | | | | | | | | Estimated Cost | | |
|------------------------------------|-----|------|--------|--------|---------|-------|-------------------------------|----------------|--------|-------|
| | NEW | GOOD | USABLE | REPAIR | REPLACE | N / A | Comments | Parts | Labour | Total |
| Oil Level / Quality | | X | | | | | | | | |
| Oil Scanned? X Yes O No | | X | | | | | NEW Long Block, April 15 2021 | | | |
| Air Intake System Check | | X | | | | | | | | |
| Engine Start-Up | | X | | | | | | | | |
| Engine RPM (Low Idle) | | X | | | | | | | | |
| Engine RPM (High Idle) | | X | | | | | | | | |
| Fuel Leaks | | X | | | | | | | | |
| Inj Pmp / Supply Pmp / Fuel Filter | | X | | | | | | | | |
| Oil Leaks | | X | | | | | | | | |
| Exhaust System | | X | | | | | | | | |
| Does Engine Miss | | X | | | | | | | | |
| Excs Smoke (Fuel / Oil / Coolant) | | X | | | | | | | | |
| Adequate Power | | X | | | | | | | | |
| Adequate Oil Pressure | | X | | | | | | | | |
| Speed Control Check / Linkage / AI | | X | | | | | | | | |
| Abnormal Engine Noise | | X | | | | | | | | |
| TurboCharger Check | | X | | | | | | | | |
| BlowBy Check | | X | | | | | | | | |
| Compression Check (if Required) | | | | | | X | | | | |
| Loose / Worn Parts | | X | | | | | | | | |
| Section Summary | | X | | | | | | | | |

TRANSMISSION CHECKS

| | | | | | | | | Estimated Cost | | |
|--|-----|------|--------|--------|---------|-------|----------|----------------|--------|-------|
| | NEW | GOOD | USABLE | REPAIR | REPLACE | N / A | Comments | Parts | Labour | Total |
| Oil Level / Quality | | X | | | | | | | | |
| Oil Scanned? X Yes <input type="radio"/> No | | X | | | | | | | | |
| Oil Leaks | | X | | | | | | | | |
| Flywheel Clutch / Dampners | | X | | | | | | | | |
| Splitter Box | | X | | | | | | | | |
| Trans Oil Pres (Ctrl/Engagement) | | X | | | | | | | | |
| FNR Operation | | X | | | | | | | | |
| Rate of Shift Modulation | | X | | | | | | | | |
| Shifting Linkage Adjustments | | X | | | | | | | | |
| Clutch / Brake Slippage (Pwr Shft) | | X | | | | | | | | |
| Trk Pmp / Mtr Phase (Hydrostatic) | | X | | | | | | | | |
| High / Low Shifting Performance | | X | | | | | | | | |
| Inching Pedal | | X | | | | | | | | |
| Engine Pull Down | | X | | | | | | | | |
| Abnormal Transmission Noise | | X | | | | | | | | |
| Section Summary | | X | | | | | | | | |

DIFFERENTIAL, BRAKES AND FINAL DRIVE CHECKS

| | | | | | | | | Estimated Cost | | |
|--|-----|------|--------|--------|---------|-----|----------|----------------|--------|-------|
| | NEW | GOOD | USABLE | REPAIR | REPLACE | N/A | Comments | Parts | Labour | Total |
| Oil Level / Quality | | X | | | | | | | | |
| Oil Scanned? <div>X Yes <input type="radio"/> No</div> | | X | | | | | | | | |
| Oil Leaks | | X | | | | | | | | |
| Drive Lines / U-joints | | | | | | X | | | | |
| Mounting Hardware | | X | | | | | | | | |
| Differential Gear Noise | | | | | | X | | | | |
| Diff Lock / Limited Slip Check | | | | | | X | | | | |
| Service Brake Operation / Leakage | | | | | | X | | | | |
| Steering Clutch / Brake Operation | | | | | | X | | | | |
| Final Drives | | X | | | | | | | | |
| Section Summary | | X | | | | | | | | |

HYDRAULIC SYSTEM CHECKS

| | | | | | | | | Estimated Cost | | |
|--|-----|------|--------|--------|---------|-----|----------|----------------|--------|-------|
| | NEW | GOOD | USABLE | REPAIR | REPLACE | N/A | | Parts | Labour | Total |
| Oil Level / Quality | | X | | | | | Comments | | | |
| Oil Scanned? X Yes <input type="radio"/> No | | X | | | | | | | | |
| Oil Leaks | | X | | | | | | | | |
| Oil Operating Temperature | | X | | | | | | | | |
| Hydraulic Pump Perf / Cycle Times | | X | | | | | | | | |
| Abnormal Pump Noise | | X | | | | | | | | |
| Sys Chk / Related Cyl / Pvt Jnts | | X | | | | | | | | |
| Return to Dig | | | | | | X | | | | |
| Hoses / Lines | | X | | | | | | | | |
| Swing | | X | | | | | | | | |
| Propel/FNR | | X | | | | | | | | |
| Aux Hyd / Valve | | X | | | | | | | | |
| Control Valves / Relief Valves | | X | | | | | | | | |
| Steering Operational Check | | X | | | | | | | | |
| Steering Priority Vlv Opr Check | | X | | | | | | | | |
| Section Summary | | X | | | | | | | | |

CHASSIS AND FRAME CHECKS

| | | | | | | | | Estimated Cost | | |
|----------------------------------|-----|------|--------|--------|---------|-----|-------------------|----------------|--------|-------|
| | NEW | GOOD | USABLE | REPAIR | REPLACE | N/A | Comments | Parts | Labour | Total |
| Main Frame | | X | | | | | | | | |
| Equipment / Engine Frame | | X | | | | | | | | |
| Cab / ROPS Frame | | X | | | | | Door hard to open | | | |
| Swing Frame | | X | | | | | | | | |
| Frame Articulation Joints | | X | | | | | | | | |
| Boom (Loader / Backhoe / Excvtr) | | X | | | | | | | | |
| Dipperstick / Bucket Links | | X | | | | | | | | |
| Grapple Frame | | X | | | | | | | | |
| Track Frame | | X | | | | | | | | |
| Crane / Boom | | X | | | | | | | | |
| Grapple (Pin/Bush/Dampner) | | X | | | | | | | | |
| Boom Extension | | X | | | | | | | | |
| Section Summary | | X | | | | | | | | |

UNDERCARRIAGE

| | | | | | | | | Estimated Cost | | |
|---------------------------------|-----|------|--------|--------|---------|-------|----------|----------------|--------|-------|
| | NEW | GOOD | USABLE | REPAIR | REPLACE | N / A | Comments | Parts | Labour | Total |
| Track Frames / Guards | | X | | | | | | | | |
| Front Crossbar | | X | | | | | | | | |
| Rear Crossbar | | X | | | | | | | | |
| Track Adjusters | | X | | | | | | | | |
| Overall Undercarriage Condition | | X | | | | | | | | |
| Section Summary | | X | | | | | | | | |
| | | | | | | | | | | |

FORESTRY HEADS & ATTACHMENTS

| | | | | | | | | Estimated Cost | | |
|---------------------|-----|------|--------|--------|---------|-----|----------|----------------|--------|-------|
| | NEW | GOOD | USABLE | REPAIR | REPLACE | N/A | Comments | Parts | Labour | Total |
| Feed Rollers | | | | | | X | | | | |
| Knives | | | | | | X | | | | |
| Encoders/Wiring | | | | | | X | | | | |
| Counting System | | | | | | X | | | | |
| Saw Bar/Chain | | | | | | X | | | | |
| Frame/Arm Condition | | | | | | X | | | | |
| Independent Wheel | | | | | | X | | | | |
| Topping Saw | | | | | | X | | | | |
| Saw Main Frame | | | | | | X | | | | |
| Arms/Cylinders | | | | | | X | | | | |
| Saw Main Bearing | | | | | | X | | | | |
| Saw Drive Motor | | | | | | X | | | | |
| Saw Disc/Teeth | | | | | | X | | | | |
| Rotation | | | | | | X | | | | |
| Section Summary | | | | | | X | | | | |

UNDERCARRIAGE MEASUREMENTS

| | | | | Estimated Cost | | |
|---|-----------|-------------|------------------------|----------------|--------|-------|
| | Dimension | % remaining | Comments | Parts | Labour | Total |
| Grouser Type | 2 bar | | 2x bar open center 27" | | | |
| Grouser Width | 27" | | 2x bar open center 27" | | | |
| Grouser Width | 27" | | 2x bar open center 27" | | | |
| Grousers - Shoes: Right | 47mm | 90% | | | | |
| Grousers - Shoes: Left | 47mm | 90% | | | | |
| Track Pitch: Right | 870mm | 100% | | | | |
| Track Pitch: Left | 873mm | 100% | | | | |
| Track Bushings: Right Have pins/bushings been turned? <input type="radio"/> Yes <input checked="" type="radio"/> No | 67/65 | 80% | | | | |
| Track Bushings: Left Chain sealed and lubricated? <input type="radio"/> Yes <input checked="" type="radio"/> No | 66/67 | 80% | | | | |
| Track Links: Right | 121mm | 100% | | | | |
| Track Links: Left | 121mm | 100% | | | | |
| Idlers: Right | 23 | 90% | | | | |
| Idlers: Left | 23 | 90% | | | | |
| Carrier Rollers: Right | NEW | 100% | | | | |
| Carrier Rollers: Left | NEW | 100% | | | | |
| Track Rollers: Right | - | | | | | |
| Track Rollers: Left | - | | | | | |
| Sprockets: Right | Good | 80% | | | | |
| Sprockets: Left | Good | 80% | | | | |

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ADDITIONAL PHOTOS

