



### 2021 Caterpillar 313

**YEAR** 2021  
**HOURS** 1,563 hrs  
**CATEGORY** Excavators  
**MANUFACTURER** Caterpillar  
**SKU** A-657503

✓ **INSPECTION VERIFIED**

#### Machine Documentation & History

	COMPONENT	CONDITION/NOTES
✓	Year, Make & Model	Information verified and matches data plate
✓	Serial Number	Confirmed and documented
✓	Hour Meter Reading	Current hours recorded and operational
✓	Service History	Available records reviewed and on file

#### Overall Appearance

	COMPONENT	CONDITION/NOTES
✓	Paint & Body Condition	Good condition for age with normal wear
✓	General Cleanliness	Well-maintained appearance
✓	Safety Decals & Labels	Present and legible
✓	Operator's Manual	Included with machine

#### Structural Integrity

	COMPONENT	CONDITION/NOTES
✓	Boom Welds	Inspected — no cracks or structural concerns
✓	Stick/Arm Welds	Connection points inspected and sound
✓	Frame & Counterweight	Solid structure with normal wear
✓	Blade	Straight and functional

## Undercarriage System

	COMPONENT	CONDITION/NOTES
✓	Tracks	Good remaining life with no cuts or damage
✓	Track Tension	Properly adjusted
✓	Sprockets	Wearing normally with excellent life remaining
✓	Idlers	Operating smoothly
✓	Carrier Rollers	No leaks, turning freely
✓	Track Shoes/Pads	Acceptable wear for hours

## Slew Ring & Swing System

	COMPONENT	CONDITION/NOTES
✓	Swing Bearing	Tested — acceptable play within specs
✓	Swing Operation	Smooth rotation with no hesitation
✓	Swing Motor	Dry and functioning properly
✓	Swing Gear	Teeth in excellent condition

## Hydraulic System

	COMPONENT	CONDITION/NOTES
✓	Hydraulic Fluid	Proper level and clean condition
✓	Hydraulic Pump	No leaks detected
✓	Cylinders	All cylinders operating without leaks
✓	Hoses & Lines	Good condition with tight fittings
✓	Pins & Bushings	Connection points tight with minimal play
✓	Hydraulic Response	Strong and responsive — no drift detected

## Engine & Fuel System

	COMPONENT	CONDITION/NOTES
✓	Engine Oil	Proper level and excellent condition
✓	Oil Leaks	No leaks detected
✓	Engine Compression	Tested — strong compression
✓	Cold Start	Starts readily
✓	Exhaust	Clean exhaust — no excessive smoke
✓	Engine Operation	Runs smoothly without unusual noise
✓	Fuel System	No leaks, system functioning properly

## Cooling System

	COMPONENT	CONDITION/NOTES
✓	Coolant Level	Proper level maintained
✓	Coolant Condition	Clean and properly mixed
✓	Radiator	Clean and free of debris
✓	Cooling Fan	Operating correctly
✓	Hoses	No cracks or leaks

## Electrical System

	COMPONENT	CONDITION/NOTES
✓	Battery	Good condition with clean connections
✓	Work Lights	All lights operational
✓	Gauges & Displays	All instruments functioning
✓	Backup Alarm	Operating properly
✓	Wiring	No damaged or exposed wires

## Cab & Operator Station

	COMPONENT	CONDITION/NOTES
✓	Operator Seat	Good condition with functional adjustments
✓	Controls	All levers and pedals respond smoothly
✓	Doors & Windows	Seals intact, latches work properly
✓	HVAC System	Heating and air conditioning operational
✓	Visibility	Glass in excellent condition, mirrors present
✓	ROPS Structure	Roll-over protection intact

## Bucket & Attachments

	COMPONENT	CONDITION/NOTES
✓	Bucket Teeth	Good working condition
✓	Cutting Edge	Serviceable with life remaining
✓	Bucket Pins	Proper fit and function
✓	Quick Coupler	Operating smoothly (if equipped)
✓	Auxiliary Hydraulics	Functioning properly (if equipped)

## Performance Testing

	COMPONENT	CONDITION/NOTES
✓	Tracking	Moves smoothly in all directions
✓	Swing Function	Rotates freely with proper braking
✓	Hydraulic Power	All functions operate with full power
✓	Digging Performance	Tested under load — performs well
✓	All Functions	Boom, stick, bucket, blade tested and operational

## Additional Items Verified

	COMPONENT	CONDITION/NOTES
✓	Service Panels	All panels secure and functional
✓	Access Steps	Steps and grab rails secure
✓	Overall Safety	Machine meets safety standards

## Inspection Summary

### OVERALL MACHINE CONDITION

EXCELLENT	GOOD	FAIR
✓		

### READY FOR WORK

YES	MINOR SERVICE NEEDED
✓	

*This Excavators has been inspected by our certified technicians and is ready for your operation. We stand behind every machine we sell and are here to support you after the sale.*

**Questions? Call us at (336) 850-3078**

**Earthmoving MSU Equipment & Echo Ridge Elevation**

(336) 850-3078 · [sales@emsu-equipment.com](mailto:sales@emsu-equipment.com)

The equipment was inspected upon arrival