

Inspection Information

Client	Vermeer
Inspected By	Vermeer
Location	
Phone/Email	
Date of Inspection	01/12/2026

Equipment Detail

Manufacture	Vermeer
Model	D40x55III
Model Year	2017
VIN/Serial	
Current Hours	4,457

Inspection Detail

General Body					
Paint Condition	★★★☆☆	Panel Condition	★★★☆☆		
Corrosion	Some surface rust	Dents/Bends	Minor / Cosmetic		
Visible Leaks	None Noted	OP Console	★★★★☆		
OP Seat	No Issues Noted	OP Joystick/Switch	Working		
Fresh Water Tank	N/A				
General Body Notes					
Paint is a faded, nothing major. You can clearly see where decals were installed on yellow and black paint. Slight damage on rear but is only cosmetic.					
Safety Equipment					
Seat Switch	No Issues Noted	Safety Switches	No Issues Noted		
Red Safety Bars	Attached	Work Lights	Working		
Strike Alert	No Issues Noted	Safety Decals	No Issues Noted		
Safety Equipment Notes					
NOTED: Non-Remote unit.					

Breakout System			
Breakout Jaw Wear	★★★★★☆	Cyl. / Hose Cond.	★★★★★☆
Pins / Bushings	No Issues Noted	Front Stakedown	★★★★★☆
Augers	★★★★★☆		
Breakout System Notes			
New stake tower.			
Main Drive System			
Tracks	Steel	Track Condition	★★★★★☆
Sprocket / Rollers	★★★★★☆		
Main Drive System Notes			
Tracks			
Left Track Cond.	★★★★★☆	Right Track Cond.	★★★★★☆
Left Track Rollers	★★★★★☆	Right Track Rollers	★★★★★☆
Tracks Notes			
Tracks are in good condition with a bit of wear.			
Rear Outrigger(s)			
Cyl. / Hose Cond	★★★★★☆	Pins / Bushings	★★★★★☆
Bent / Broken Parts	No Issues Noted		
Rear Outrigger(s) Notes			
Carriage System			
Wear Pads	NEW	Slop?	N/A
Motor Condition	★★★★★☆	Hose Condition	★★★★★☆
Rack Condition	★★★★★☆		

Carriage System Notes
Engine Details

Fluid Levels	ALL NEW / GOOD	Visible Leaks	No Issues Noted
Belts/Pulleys	No Issues Noted	Engine Mounts	No Issues Noted
Radiator	No Issues Noted	Coolant Hoses	No Issues Noted

Engine Details Notes
Operation

Engine Start	Good	Engine Idle	Good
Engine Smoke?	No Issues Noted	Engine Noises?	No Issues Noted
Rear Outrigger	Working	Main Rack Tilt	Working
Front Stakedown	Spins/Up & Down	Breakout Vices	Clamp and Twist
Rod Loader	Working	Carriage	No Issues Noted
Rotation Motor	Rotates H/M/L	Mud Pump	Tested / Winterized

Operation Notes
Drill Rod

Rod Count	Full Rack	Bent Rods?	No Issues Noted
Thread Condition	Good	Upset Condition	Good

Drill Rod Notes

Rod is used but seems in good condition.

REPAIRS COMPLETED

Work Order Summary

Overall scope

- Trade-in reconditioning + full-service cycle + multiple mechanical repairs, plus welding and a couple electrical items, then final cleanup/parking.

Work completed (by major area)

Initial reconditioning / closeout

- Diagnostic
- Unit was greased, washed, and parked in the done line

Engine service (PM-style)

- Warmed engine oil, drained and replaced engine oil + oil filter
- Replaced fuel filters
- Inspected air filters and replaced primary + safety filters
- Inspected belts and DEF filter as applicable

Hydraulic system service

- Drained hydraulic tank
- Replaced hydraulic filters and cleaned/inspected strainer
- Refilled with hydraulic oil, bled system, checked levels, tested operation

Welding / fabrication

- Welded DPF mount (cracking around welds), then painted
- Welded gussets to the stakedowns (frame labor)

Operator station

- Seat pivot repair: removed seat + pivot frame, removed failed bearing/plate, installed new bearing and reassembled

Rack / carriage / vise / stakedown repairs

- Front vise work:
 - R&R front rod guide rollers
 - R&R front vise pivot pins
 - Replaced a couple horseshoe bolts on rear vise
- Stakedown assemblies:
 - R&R stakedown assembly (included removing old welds/cleanup and replacing stake tower hardware)
 - Second stakedown assembly R&R later in the job (another stake tower replacement)
- Carriage slides / wear strips:
 - Replaced wear pads/strips and hardware

Loader arms / rod handling

- Loader arm motor bolts were loose: removed bolts one-by-one and applied Loctite
- Rod lift cylinder R&R:
 - Safe-supported rods, removed/capped hoses, removed cylinder assembly
 - Transferred fittings with new O-rings, reinstalled and tested
 - Replaced related weldments (front/rear) + new pins/keepers
- Loader arms repair:
 - Replaced front loader arm hold-downs
 - Replaced lower + upper wear pads
 - Installed one missing magnet and straightened others
 - Tightened jam bolt on rear loader arm lower gear

Leak repair

- Fixed hydraulic leaks:
 - Leak at hydraulic valve under rack pivot (blown O-ring): replaced O-ring
 - Leak at drive motor on mud pump (fitting O-rings): replaced fitting O-rings

Mud pump + gearbox service

- Mud pump service: drained and refilled oil to spec
- Gearbox service: drained and refilled with gear oil to spec
- Gearbox pins and bushings: R&R pins/bushings (includes shipping/handling line on parts)

Electrical / alerts

- Strike alert buzzer: replaced and verified strike alert function
- Remote lockout beeper/buzzer: replaced (includes parts + shipping/handling)

Cosmetics

- Removed old decals