

### Inspection Information

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

### Equipment Detail

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

### Inspection Detail

General Body			
<b>Paint Condition</b>	★★★★☆☆	<b>Panel Condition</b>	★★★★☆☆
<b>Corrosion</b>	Some surface rust	<b>Dents/Bends</b>	Minor / Cosmetic
<b>Visible Leaks</b>	None Noted	<b>OP Console</b>	★★★★☆☆
<b>OP Seat</b>	No Issues Noted	<b>OP Joystick/Switch</b>	Working
<b>Fresh Water Tank</b>	N/A		
<b>General Body Notes</b>			
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			
<b>Seat Switch</b>	No Issues Noted	<b>Safety Switches</b>	No Issues Noted
<b>Red Safety Bars</b>	Attached	<b>Work Lights</b>	Working
<b>Strike Alert</b>	No Issues Noted	<b>Safety Decals</b>	No Issues Noted
<b>Safety Equipment Notes</b>			
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			
<b>Fluid Levels</b>	ALL NEW / GOOD	<b>Visible Leaks</b>	No Issues Noted
<b>Belts/Pulleys</b>	No Issues Noted	<b>Engine Mounts</b>	No Issues Noted
<b>Radiator</b>	No Issues Noted	<b>Coolant Hoses</b>	No Issues Noted
Engine Details Notes			
Operation			
<b>Engine Start</b>	Good	<b>Engine Idle</b>	Good
<b>Engine Smoke?</b>	No Issues Noted	<b>Engine Noises?</b>	No Issues Noted
<b>Rear Outrigger</b>	Working	<b>Main Rack Tilt</b>	Working
<b>Front Stakedown</b>	Spins/Up & Down	<b>Breakout Vices</b>	Clamp and Twist
<b>Rod Loader</b>	Working	<b>Carriage</b>	No Issues Noted
<b>Rotation Motor</b>	Rotates H/M/L	<b>Mud Pump</b>	Tested / Winterized
Operation Notes			
Drill Rod			
<b>Rod Count</b>	Full Rack	<b>Bent Rods?</b>	No Issues Noted
<b>Thread Condition</b>	Good	<b>Upset Condition</b>	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