



H02-225
SEP

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

DRILL

Maintenance Request / Report Form

Information

105

Grand Prairie - Shop

Thursday, June 18th 2026, 5:02 PM [MDT -06:00]

Unit Information

Date: June 18, 2026

Select Unit Number: 105

KMs: # 0

Hours: # 0

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

- Weld the step
- Bolt up the step
- Weld a vice bracket

Serial/Part # if applicable: No Response

Urgency of Repairs:

Select priority level of repairs:

☒ Standard Priority - Required within 3-5 days

Location of repairs being completed:

Pick the location where the repairs were completed:



FULL SERVICE COMPLETED? Check the box if Oil /Filters & inspection are performed.

Requested By:

Worker Requesting Repairs:



John Klatt

Request submitted to:

After signing Request Form be sure to: Request Signature or Approval Tab and select either from the Given Names below: Ron Jerome, Jason Brown, Jon Archibald.

Signatures

John Klatt, *Mechanic*



June 18th 2026, 5:02 PM (MDT -06:00)



55.3091923, -118.7964196



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

105

Grand Prairie - Shop

Sunday, June 14th 2026, 2:47 PM [MDT -06:00]

Unit Information

Date:  June 14, 2026

Select Unit Number:  105

KMs:  0

Hours:  7775

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

 Complete rebuild of mud pump
Install washer line assembly
Reroute and secure hydraulic hose
Replace left cab window
Replace A/C compressor and belt (Evacuate and fill/test system)
Check over machine (Secure hoses, wiring harnesses, panels)
Replace water pressure gauge

Serial/Part # if applicable:  N/A

Urgency of Repairs:

Select priority level of repairs:

☒ Completed

Location of repairs being completed:

PICK the location where the repairs were completed:

 Grande Prairie Shop

FULL SERVICE COMPLETED? Check the box if Oil /Filters & inspection are performed.

Requested By:

Worker Requesting Repairs:

 Ron Jerome

Request submitted to:

After signing Request Form be sure to: Request Signature or Approval Tab and select either from the Given Names below: Ron Jerome, Jason Brown, Jon Archibald.

Signatures

Ron Jerome, *Supervisor*

 June 14th 2026, 2:47 PM (MDT -06:00)

 55.3094357, -118.7974524





Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

DRILL

Maintenance Request / Report Form

Information

105

Grand Prairie - Shop

Wednesday, April 22nd 2026, 11:27 AM [MDT -06:00]

Unit Information

Date: April 22, 2026

Select Unit Number: 105

KMs: # 7774

Hours: # 7774

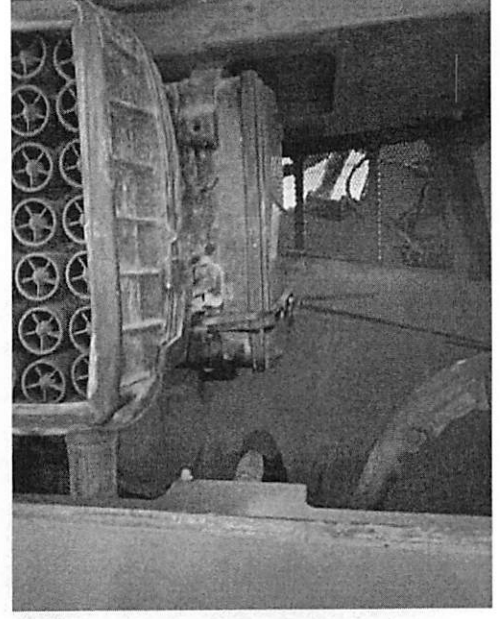
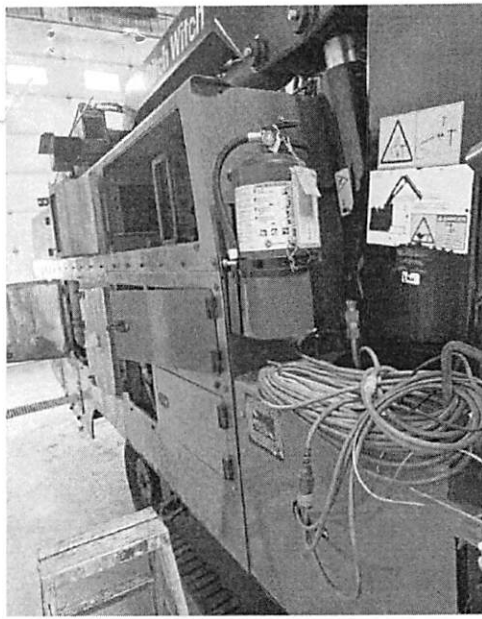
Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

Mounted fire extinguisher, changed sub saver on quill, seal up air box,



Serial/Part # if applicable:

☑ These repairs are complete

Urgency of Repairs:

Select priority level of repairs:

☒ Complete

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Grande Prairie Shop

☒ FULL SERVICE COMPLETED? Check the box if Oil /Filters & inspection are performed.

Requested By:

Worker Requesting Repairs:

 Jael Hall

Request submitted to:

After signing Request Form be sure to: Request Signature or Approval Tab and select either from the Given Names below: Ron Jerome Dan Fontaine Jon Archibald

Signatures

Jael Hall, Driller



April 22nd 2026, 11:27 AM (MDT -06:00)



55.2820898, -118.8261566

A handwritten signature in black ink, appearing to be 'JH' or similar, located in the top right corner of the page.



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

 105

 Grand Prairie - Shop

 Wednesday, April 22nd 2026, 11:22 AM (MDT -06:00)

Unit Information

Date:  April 20, 2026

Select Unit Number:  105

KMs:  7774

Hours:  7774

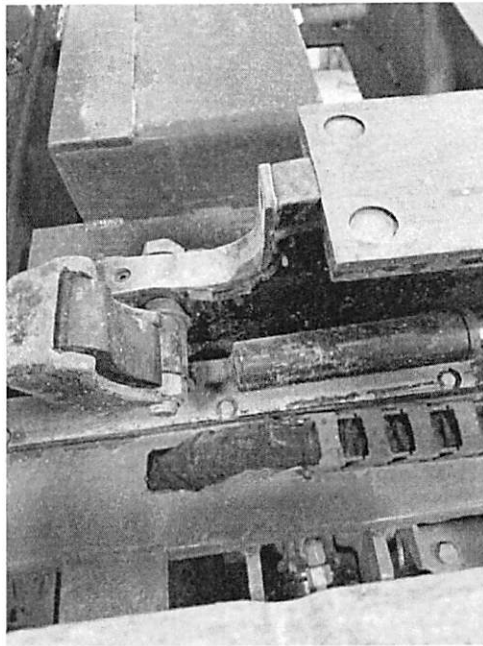
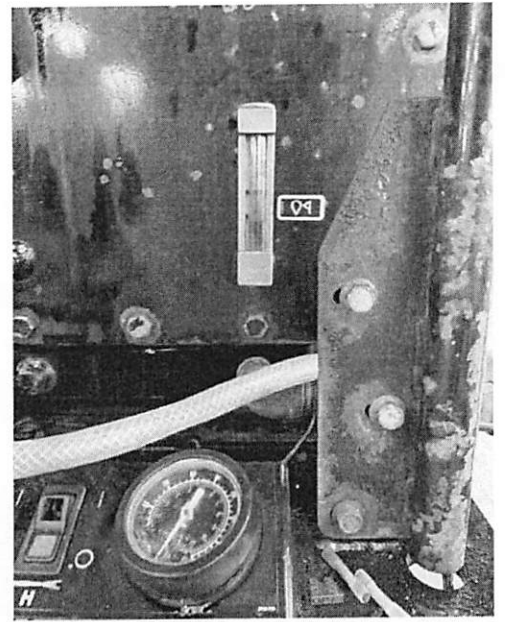
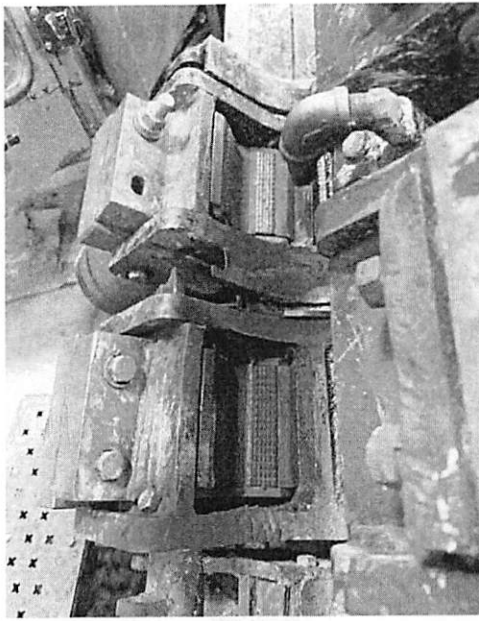
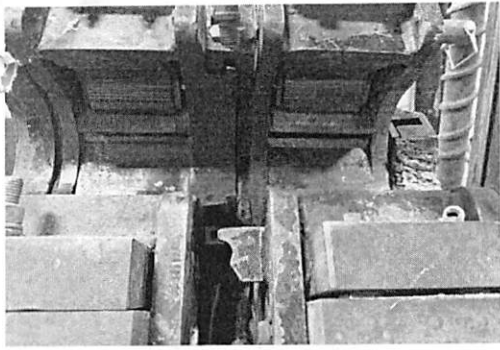
Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

 Re attached j strip rear finger, replaced jaw dies, drained and replaced pump oil.



Serial/Part # if applicable:

☒ Repairs are complete

Urgency of Repairs:

Select priority level of repairs:

☒ Completed

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Grande Prairie Shop

☒ FULL SERVICE COMPLETED? Check the box if Oil /Filters & inspection are performed.

Requested by:

Worker Requesting Repairs:



Jael Hall

Request submitted to:

After signing Request Form be sure to: Request Signature or Approval Tab and select either from the Given Names below: Ron Jerome Dan Fontaine Jon Archibald

Signatures

Jael Hall, *Driller*



April 22nd 2026, 11:22 AM (MDT -06:00)



55.2410459, -118.8398218

A handwritten signature in black ink, appearing to be 'Jael Hall'.



Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

DRILL

Maintenance Request / Report Form

Information

105

Grand Prairie - Shop

Wednesday, April 22nd 2026, 11:17 AM (MDT -06:00)

Unit Information

Date: April 17, 2026

Select Unit Number: 105

KMs: # 7774

Hours: # 7774

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

Reinstalled from window



Serial/Part # if applicable:

☐ This repair is complete

Urgency of Repairs:

Select priority level of repairs:

☒ Low Priority - Repair at earliest convenience

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Grande Prairie Shop

☐ FULL SERVICE COMPLETED? Check the box if Oil /Filters & inspection are performed.

Requested By:

Worker Requesting Repairs:

 Jael Hall

Request submitted to:

After signing Request Form be sure to: Request Signature or Approval Tab and select either from the Given Names below: Ron Jerome Dan Fontaine Jon Archibald

Signatures

Jael Hall, Driller



April 22nd 2026, 11:17 AM (MDT -06:00)



55.2402866, -118.8358875

A handwritten signature in black ink, consisting of several fluid, overlapping strokes.



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

 105

 Macro / Atlas 2601-023

 Monday, February 16th 2026, 7:55 AM (MST -07:00)

Unit Information

Date:  February 14, 2026

Select Unit Number:  105

KMs:  7544

Hours:  7544

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

 Replaced hydraulic filter that had a pin hole leak repair is completed at 7530 hours

Serial/Part # if applicable:  No Response

Urgency of Repairs:

Select priority level of repairs:

☒ Standard Priority - Required within 3-5 days

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

☒ FULL SERVICE COMPLETED? Check the box if Oil /Filters & inspection are performed.

Requested By:

Worker Requesting Repairs:

 Jael Hall

 This work is complete

Request submitted to:

After signing Request Form be sure to: Request Signature or Approval Tab and select either from the Given Names below: Ron Jerome Dan Fontaine Jon Archibald

Signatures

Jael Hall, *Driller*

 February 16th 2026, 7:55 AM (MST -07:00)

 55.1849568, -119.2959167





Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

DIGILL

Maintenance Request / Report Form

Information



105



Grand Prairie - Shop



Wednesday, February 18th 2026, 12:34 PM (MST -07:00)

Unit Information

Date:



February 3, 2026

Select Unit Number:



105

KMs:



0

Hours:



7475

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.



Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):



Replaced RH auger cylinder

REBUILT ROD LIFER ASSEMBLY

Serial/Part # if applicable:



No Response

Repairs Required

Description of Repairs Required (attach photos):



Installed new mud pump pressure potentiometer in cab

Serial/Part # if applicable:



No Response

Repairs Required

Description of Repairs Required (attach photos):

Serial/Part # if applicable:

☐ No Response

Repairs Required

Description of Repairs Required (attach photos):

☒ Repaired two way radio, replaced mic, replaced monitor antenna

Serial/Part # if applicable:

☐ No Response

Urgency of Repairs:

Select priority level of repairs:

☒ Repair completed

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Grande Prairie Shop

☒ FULL SERVICE COMPLETED? Check the box if Oil /Filters & inspection are performed.

Requested By:

Worker Requesting Repairs:

 Colton Wookey

Request submitted to:

After signing Request Form be sure to: Request Signature or Approval Tab and select either from the Given Names below: Ron Jerome Dan Fontaine Jon Archibald

Signatures

Colton Wookey, *Mechanic*

 February 18th 2026, 12:34 PM (MST -07:00)

 55.3093923, -118.7970329



Ron Jerome, *Supervisor*

☒ Approved

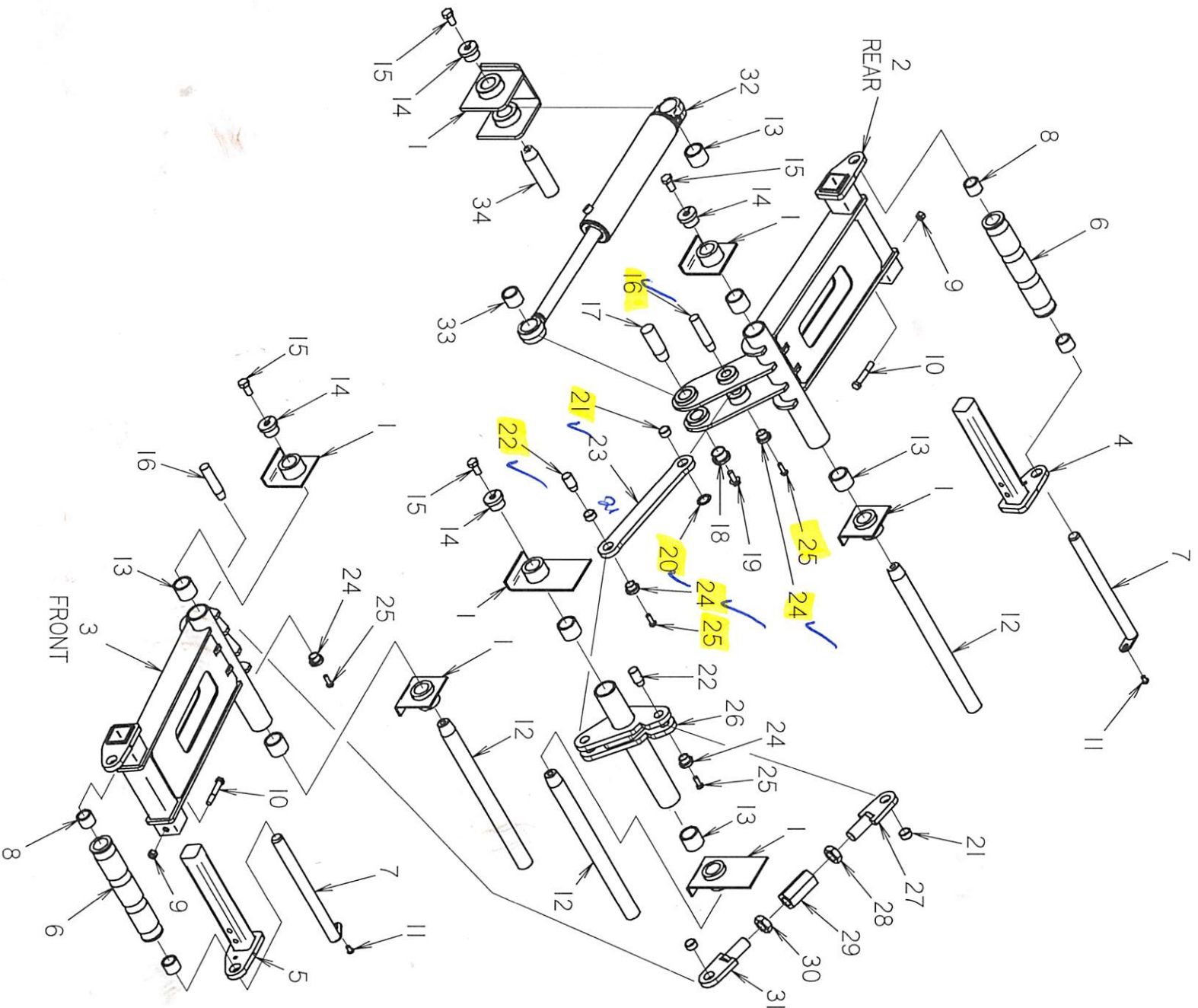
 February 18th 2026, 3:41 PM (MST -07:00)

 52.8512714, -110.8420105



PIPE LOADER LIFT ARMS

BEGINS WITH S/N: CMWJT100A0000029 & CMWAT100A90000001



PIPE LOADER LIFT ARMS

BEGINS WITH S/N: CMWJT100A0000029 & CMWAT100A90000001

REF NO.	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	300-6136	1	PIPE LOADER	ONLY PIN BOSSES SHOWN FOR REFERENCE
2	301-1073	1	REAR LIFT ARM	
3	301-1061	1	FRONT LIFT ARM	
4	301-1125	1	REAR PIN MOUNT	
5	301-1067	1	FRONT PIN MOUNT	
6	301-1081	2	ROLLER (JT)	301-1078 ROLLER (AT)
7	301-1079	2	ROLLER PIN (JT)	301-1076 ROLLER PIN (AT)
8	125-772	4	COMPOSITION BUSHING (1.5")	
9	106-545	2	LOCKNUT (M16-2.0,PRV TRQ,10.9)	
10	107-144	2	SCREW (M16-2.00 X 100MM)	
11	107-759	2	SCREW (M12-1.75 X 20MM,BUT SOC)	
12	179-168	3	TAPERED PIN (2.000" X 25.8")	
13	125-754	7	COMPOSITION BUSHING (2")	
14	184-064	4	TAPERED INSERT (2")	
15	106-344	4	SCREW (M20-2.50 X 40MM)	USE LOCTITE 242 OR EQUIVALENT
16	179-042	1	TAPERED PIN (31.75MM X 144MM)	1
17	183-878	1	TAPERED PIN (1.75" X 5.31")	
18	181-975	1	TAPERED INSERT (1.75")	
19	106-470	1	FLG SCREW (M16-2.0 X 40MM)	USE LOCTITE 242 OR EQUIVALENT
20	110-056	4	MACH BUSHING (1-1/4", 18GA)	AS REQUIRED
21	125-143	4	BRONZE BUSHING (1.250")	2
22	179-232	2	TAPERED PIN (31.75MM X 65MM)	1
23	349-965	1	LINKAGE ARM	
24	181-982	4	TAPERED INSERT (1.25")	2
25	105-247	4	SCREW (M12-1.75 X 35MM)	2
26	349-962	1	CENTER LINKAGE	USE LOCTITE 242 OR EQUIVALENT
27	370-301	1	BACK LINK	
28	105-377	1	JAM NUT (1-1/2-NF)	
29	370-303	1	ADJUSTMENT BAR	
30	105-604	1	JAM NUT (1-1/2-UNF LH)	
31	370-298	1	FRONT LINK	
32	151-085	1	CYL (3.5" X 1.75" X 16")	
33	125-773	1	COMPOSITION BUSHING (1.75")	
34	179-236	1	TAPERED PIN (50.8MM X 200MM)	

NOT SHOWN:

FOOTNOTES:

NOTE:

Brandt

PARTS QUOTE

BRANDT-GRANDE PRAIRIE
7301 - 102ND STREET
CLAIRMONT, AB
T8X 5A7
(780) 532-3414

For: BROTHERS HDD
2002-23 RD AVE
EM INVOICES!!
WAINWRIGHT
AB T9W 0B8
(780) 214-7711

Slspsrn: SHAWN REAY

Quote No: 62147711005
Segment No: 1

Date: 30 JAN 26
Time: 14:50
Expires: 1 MAR 26

JOHN DEERE



Quote

Make	Model	Pin	Segment No:	1
CSPN				

Qty	Part Number/Description	Wgt	Ext	Unit	Price	Extended
1	179-042 TAPERED PIN	Wgt			164.24	164.24
1	DITCH WITCH FACTORY					
1	110-056 MACH BUSHING				3.22	3.22
2	EDMONTON					
2	125-143 BRONZE BUSHI				28.81	57.62
1	CALGARY					
1	179-232 TAPERED PIN				145.79	145.79
2	181-982 TAPERED INSE				22.35	44.71
2	EDMONTON					
2	105-247 SCREW (M12-1				3.38	6.77
2	SAME AS 19M9149					
2	19M9149 CAP SCREW				5.26	10.53
ON HAND GP						

Total Weight 0

Total Labor .00
Total Parts 432.88
Total Misc .00

Customer may be subject to GST/HST

Quote/Estimate Expires: 1 MAR 26

Taxes .00
Grand Total 432.88

Unit #105

CUSTOMER COPY

LF-1301C



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

105



Paramount 2510-002



Tuesday, January 27th 2026, 10:24 AM (MST -07:00)

Unit Information

Date:



January 27, 2026

Select Unit Number:



105

KMs:



0000

Hours:



0000

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.



Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos):



Lights on top of drill can stopped working, radio needs repair throws a bunch of static might just need a mic or a new antenna, antenna on locator needs replace cord is cracked and lose signal at 50-60 m ✓

Serial/Part # if applicable:



No Response

Urgency of Repairs:

Select priority level of repairs:



Standard Priority - Required within 3-5 days

Location of repairs being completed:

Pick the location where the repairs were completed:



Grande Prairie Shop

Requested by:

Worker Requesting Repairs:



Jael Hall

Request submitted to:

After signing Request Form be sure to: Request Signature or Approval Tab and select either from the Given Names below: Ron Jerome Dan Fontaine Jon Archibald

Signatures

Jael Hall, *Driller*



January 27th 2026, 10:24 AM [MST -07:00]



52.3203543, -114.8118654

A handwritten signature in black ink, appearing to be 'Jael Hall'.



GP

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

DRILL

Maintenance Request / Report Form

Information

105



Whitecap VP 2601-018



Sunday, January 25th 2026, 8:45 AM [MST -07:00]

Unit Information

Date:



January 25, 2026

Select Unit Number:



105

KMs:



123

Hours:



7475

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.



Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required [attach photos]:



Can side anchor has very little power is low on power and doesn't stay up while drill is off and rear finger needs repairs new pad and pins

Serial/Part # if applicable:



No Response

Urgency of Repairs:

Select priority level of repairs:



Critical - Immediate attention needed

Location of repairs being completed:

Pick the location where the repairs were completed:



Grande Prairie Shop

Requested By:

Worker Requesting Repairs:



Jael Hall

Request submitted to:

After signing Request Form be sure to: Request Signature or Approval Tab and select either from the Given Names below: Ron Jerome Dan Fontaine Jon Archibald

Signatures

Jael Hall, *Driller*



January 25th 2026, 8:45 AM [MST -07:00]



55.3092706, -118.7972542





DRILL GP

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7717

Maintenance Request / Report Form

Information

105

Whitecap VP 2601-018

Wednesday, January 21st 2026, 5:07 PM (MST -07:00)

Unit Information

Date: January 21, 2026

Select Unit Number: 105

KMs: # 0000000

Hours: # 7559

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos):

Needs new joy stick

Y REPLACED

DID IT GET REPLACED?

Serial/Part # if applicable: No Response

Urgency of Repairs:

Select priority level of repairs:

☒ Critical - Immediate attention needed

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

Requested By:

Worker Requesting Repairs:



Jael Hall

Request submitted to:

After signing Request Form be sure to: Request Signature or Approval Tab and select either from the Given Names below: Ron Jerome Dan Fontaine Jon Archibald

Signatures

Jael Hall, *Driller*



January 21st 2026, 5:07 PM (MST -07:00)



54.2606396, -116.9562865

A handwritten signature in black ink, appearing to be 'JH' or similar, written over a light gray background.



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information



105



Cenovus RZ 2510-012



Wednesday, November 5th 2025, 10:33 AM [MST -07:00]

Unit Information

Date:



November 5, 2025

Select Unit Number:



105

KMs:



0

Hours:



7154

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.



Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos):



Possibly getting hydraulic oil into top drive

Serial/Part # if applicable:



?

Urgency of Repairs:

Select priority level of repairs:



Critical - Immediate attention needed

REPAIRED by HDD PRO
NOV 6 / 2025

Location of repairs being completed:

Pick the location where the repairs were completed:



Field Repaired

Requested by:

Worker Requesting Repairs:



Randy Zaiser

Signatures

Randy Zaiser, *Supervisor*



November 5th 2025, 10:33 AM (MST -07:00)



52.6629769, -111.5635888

A handwritten signature in black ink, appearing to be 'Randy Z'.



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

 105

 Cenovus RZ 2510-012

 Wednesday, November 5th 2025, 2:21 PM [MST -07:00]

Unit Information

Date:  November 5, 2025

Select Unit Number:  105

KMs:  0

Hours:  7155

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

 Changed water pump oil

Serial/Part # if applicable:  N/a

Urgency of Repairs:

Select priority level of repairs:

☒ N/A

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

Requested by:

Worker Requesting Repairs:



Randy Zaiser

Signatures

Randy Zaiser, *Supervisor*



November 5th 2025, 2:21 PM (MST -07:00)



52.6631384, -111.5635962

A handwritten signature in black ink, appearing to be 'RZ' or similar, located to the right of the supervisor's name.

Maintenance Request / Report Form

Information

 105

 BHDD Shop

 Monday, October 27th 2025, 4:23 PM [MDT -06:00]

Unit Information

Date:  October 25, 2025

Select Unit Number:  105

KMs:  0

Hours:  7064

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

 Replaced
a) cab door window
b) Replaced ignition switch/harness
c) replaced rotation motor hydraulic hoses
d) supply saver sub o-rings

Serial/Part # if applicable:  No Response

Urgency of Repairs:

Select priority level of repairs:

☒ Completed

Location of repairs being completed:

Pick the location where the repairs were completed:

Requested By:

Worker Requesting Repairs:



Luke Jacobsen

Signatures

Ron Jerome, *Supervisor*



October 27th 2025, 4:23 PM (MDT -06:00)



52.8516126, -110.8419838

A handwritten signature in black ink, consisting of a stylized, cursive letter 'R' followed by a vertical line.



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

105

2508-008 RZ Wally's Donalda to Bawlf

Wednesday, October 8th 2025, 10:20 AM (MDT -06:00)

Unit Information

Date: October 8, 2025

Select Unit Number: 105

KMs: # 1

Hours: # 6990

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos):



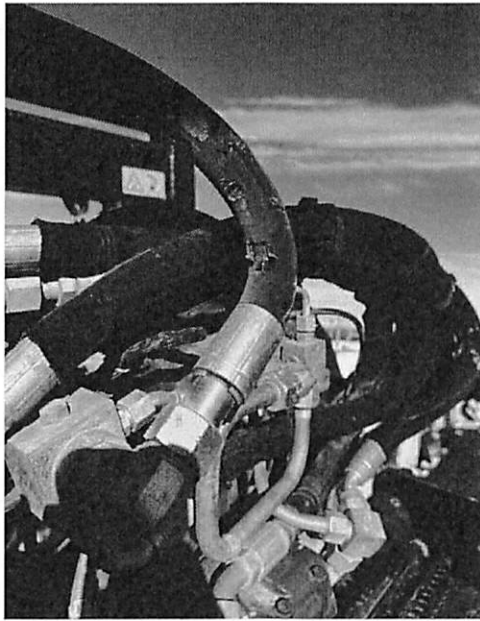
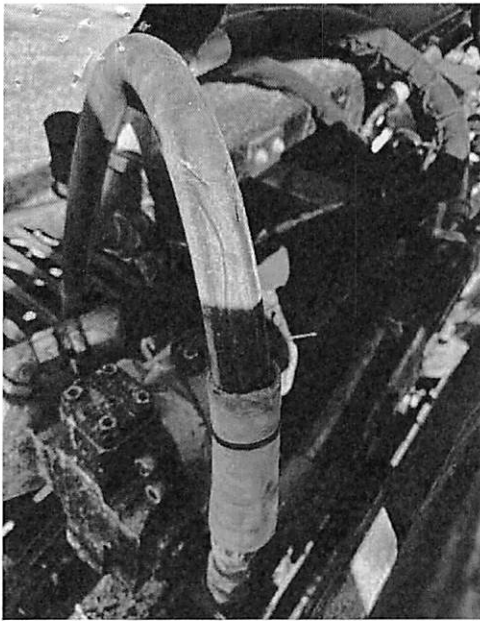
Top drive hydraulic hoses

Mechanical seals on water pump (BEFORE FREEZE UP)

- 1 1/2" EXHAUST HOSES? - CAT TARP FOR PUMP

IGNITION SWITCH / HARNESS ASSEMBLY

✓ 2x IGNITION DELAYS



Serial/Part # if applicable:

= ?

Urgency of Repairs:

Select priority level of repairs:

☒ Standard Priority - Required within 3-5 days

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

Requested By:

Worker Requesting Repairs:

 Randy Zaiser

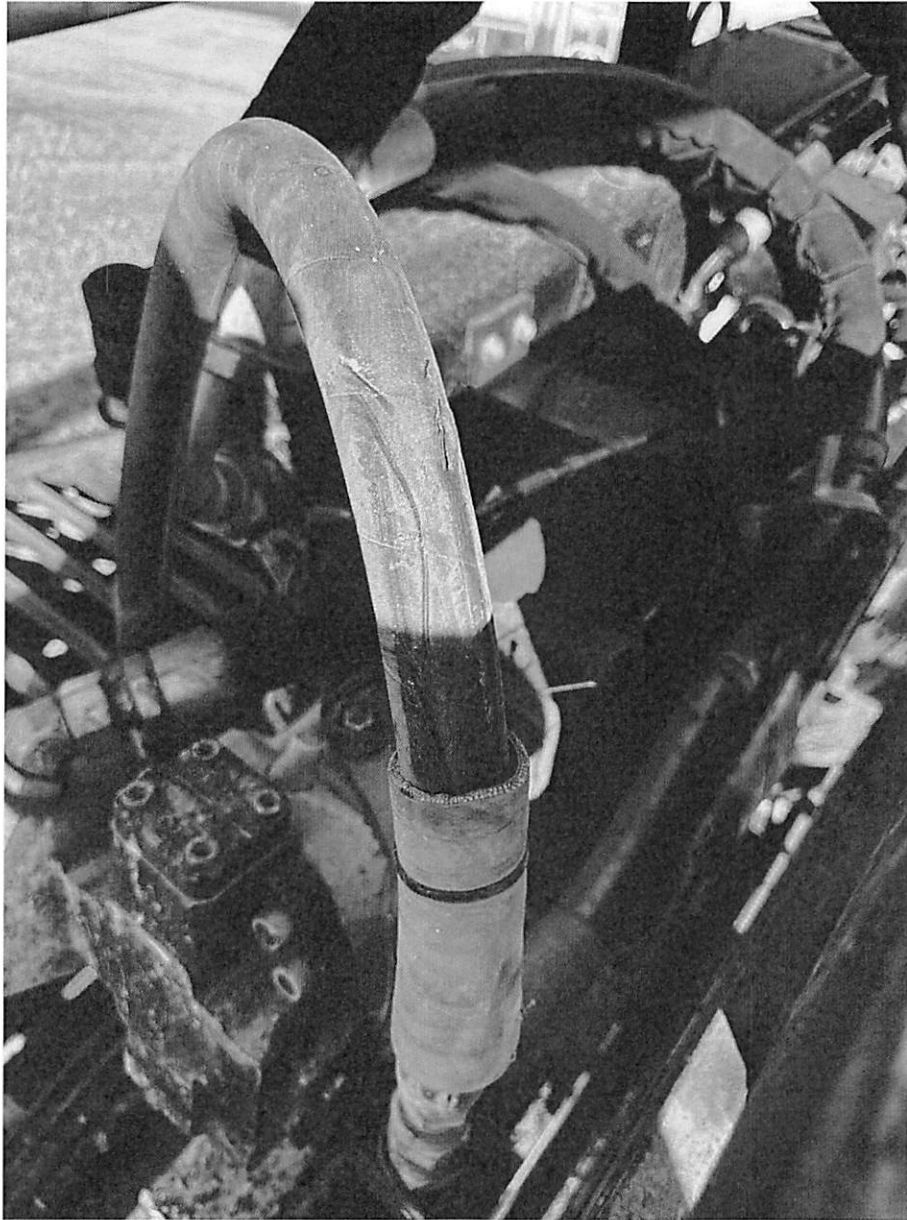
Signatures

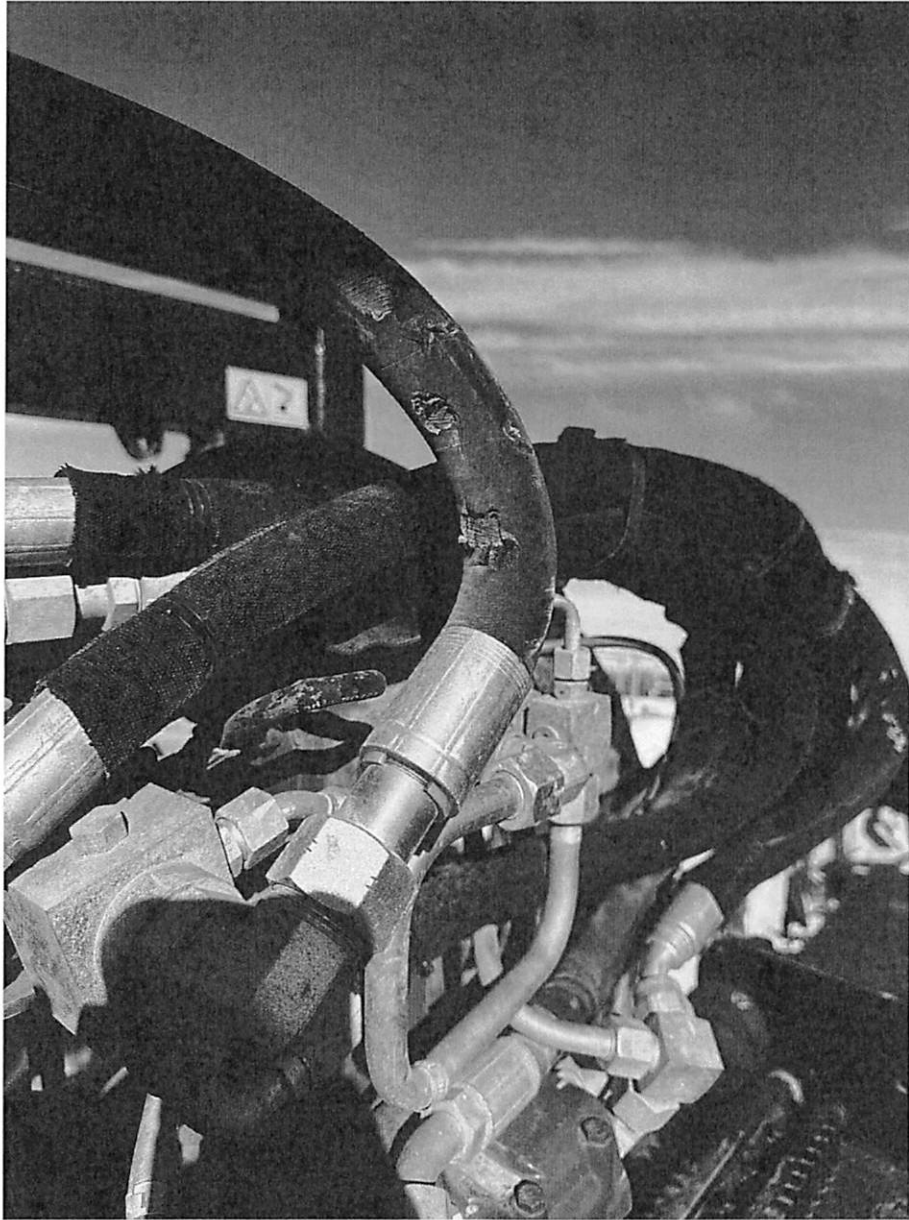
Randy Zaiser, *Supervisor*

 October 8th 2025, 10:20 AM (MDT -06:00)

 52.8818387, -112.4474593









DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

 105

 2508-008 RZ Wally's Donalda to Bawlf

 Saturday, October 4th 2025, 3:01 PM [MDT -06:00]

Unit Information

Date:  October 4, 2025

Select Unit Number:  105

KMs: # 1

Hours: # 6961

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos):

 Cylinder vice blew weld

Serial/Part # if applicable: = ?

Urgency of Repairs:

Select priority level of repairs:

☒ Critical - Immediate attention needed

SENT OCT 4/25

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

Requested by:

Worker Requesting Repairs:



Randy Zaiser

Signatures

Randy Zaiser, *Supervisor*



October 4th 2025, 3:01 PM [MDT -06:00]

A handwritten signature in black ink, appearing to be 'RAZ'.

52.8568206, -112.4457945

Maintenance Request / Report Form

Information

 105 2508-008 RZ Wally's Donalda to Bawlf Monday, September 22nd 2025, 1:37 PM (MDT -06:00)

Unit Information

Date:  September 22, 2025Select Unit Number:  105KMs:  0Hours:  6913

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos):

 Top drive rollers
Water swivel
COUPLER to REBUILD SPARE.
COMPLETED



Serial/Part # if applicable:

= ?

Urgency of Repairs:

Select priority level of repairs:

☒ Low Priority - Repair at earliest convenience

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

Requested By:

Worker Requesting Repairs:

 Randy Zaiser

Signatures

Randy Zaiser, *Supervisor*

 September 22nd 2025, 1:37 PM [MDT -06:00]

 52.7842463, -112.4472458





DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

105

2508-008 RZ Wally's Donalda to Bawlf

Sunday, September 21st 2025, 9:20 AM (MDT -06:00)

Unit Information

Date: September 21, 2025

Select Unit Number: 105

KMs: # 0

Hours: # 6904

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos):

☰ Rod centralizer. Need repairs

SENT MONDAY SEPT 22.



Serial/Part # if applicable: ≡ ?

Urgency of Repairs:

Select priority level of repairs:

☒ Standard Priority - Required within 3-5 days

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

Requested By:

Worker Requesting Repairs:  Randy Zaiser

Signatures

Randy Zaiser, *Supervisor*

 September 21st 2025, 9:20 AM [MDT -06:00]

 52.7842106, -112.4471666





DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-771

Maintenance Request / Report Form

Information

105

2508-008 RZ Wally's Donalda to Bawlf

Sunday, September 21st 2025, 9:22 AM (MDT -06:00)

Unit Information

Date: September 21, 2025

Select Unit Number: 105

KMs: # 0

Hours: # 6904

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos):

Blue neoprene on shuttle arm need to be replaced

SENT MONDAY SEPT 22

52.7842106, -112.4471666



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

 105

 2508-008 RZ Wally's Donalda to Bawlf

 Friday, September 19th 2025, 1:52 PM (MDT -06:00)

Unit Information

Date:  September 19, 2025

Select Unit Number:  105

KMs: # 1

Hours: # 6884

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

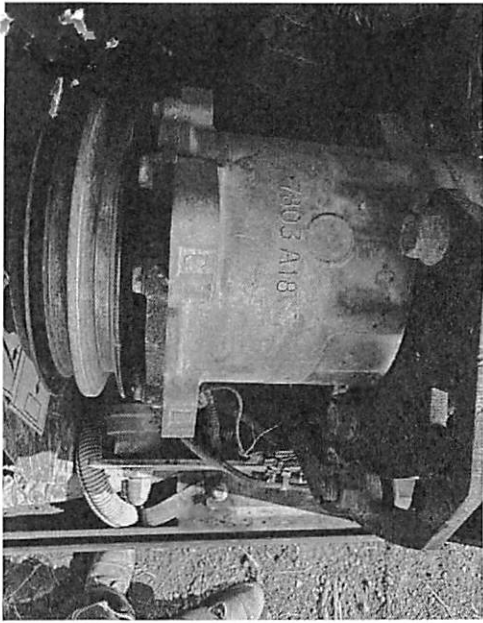
☒ Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos):

 A/c compressor and belt

ENTERED



Serial/Part # if applicable:

= ?

Urgency of Repairs:

Select priority level of repairs:

☒ High Priority - Required within 1-2 days

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

Requested By:

Worker Requesting Repairs:



Randy Zaiser

Signatures

Randy Zaiser, *Supervisor*

September 19th 2025, 1:52 PM [MDT -06:00]

52.7847367, -112.4473212

DRILL

Maintenance Request / Report Form

Information

 105

 2508-008 RZ Wally's Donalda to Bawlf

 Saturday, September 6th 2025, 3:12 PM [MDT -06:00]

Unit Information

Date:  September 6, 2025

Select Unit Number:  105

KMs: # 0

Hours: # 6769

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

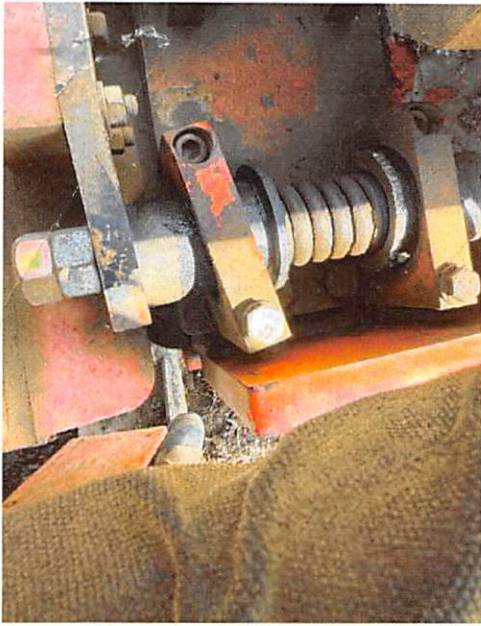
☒ Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos):

 Allen key bolt broke off on spring guid

- ✓1) CARRIAGE FLOAT BOLT LUKE/ANDREW
- ✓2) A/C - HEATER SWITCH LUKE
- ✓3) ROD GUIDE PINS (WELD) ANDREW
- ✓4) PIPE DOPPER - *FTST
- ✓5) FRAME WELD ANDREW



Serial/Part # if applicable: ≡ N/A

Urgency of Repairs:

Select priority level of repairs:

☒ High Priority - Required within 1-2 days

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

Requested By:

Worker Requesting Repairs: 👤 Randy Zaiser

Signatures

Randy Zaiser, *Supervisor*

📅 September 6th 2025, 3:12 PM [MDT -06:00]

📍 52.7266311, -112.4472864



Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

 105

 2508-008 RZ Wally's Donalda to Bawlf

 Tuesday, September 2nd 2025, 7:33 AM [MDT -06:00]

Unit Information

Date:  September 1, 2025

Select Unit Number:  105

KMs:  0

Hours:  6726

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

 Rebuild of pump heads and new liners. All jaws dies replaced

Serial/Part # if applicable:  No Response

Urgency of Repairs:

Select priority level of repairs:

☒ repaired in field

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

Requested By:

Worker Requesting Repairs:



Brandon Cunningham

Signatures

Brandon Cunningham, *Driller*

A handwritten signature in black ink, appearing to be 'BC' or similar, written over a light blue grid background.

September 2nd 2025, 7:33 AM (MDT -06:00)



52.7235581, -112.4472573



Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

 105

 FSJ Shop

 Wednesday, August 6th 2025, 8:05 AM [MDT -06:00]

Unit Information

Date:  August 31, 2025

Select Unit Number:  105

KMs:  001

Hours:  6579

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

 Replace hydraulic oil: high water content as per the oil testing results.

Form with multiple sections and checkboxes, including a table with columns for 'Item', 'Status', and 'Comments'. The form is partially filled out.

Serial/Part # if applicable: No Response

Urgency of Repairs:

Select priority level of repairs:

☒ Completed

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Ft St. John Shop

Requested By:

Worker Requesting Repairs:  Kirk Bauming

Signatures

Kirk Bauming, *Construction Coordinator - BC*

 August 6th 2025, 8:05 AM (MDT -06:00)

 56.228895, -120.8334237





Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

DRILL
RANDY

Maintenance Request / Report Form

Information

105

2508-008 RZ Wally's Donalda to Bawlf

Saturday, August 30th 2025, 11:09 AM (MDT -06:00)

Unit Information

Date: August 30, 2025

Select Unit Number: 105

KMs: # 0

Hours: # 6705

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos):

A/c blower motor possibly gone

Serial/Part # if applicable: = ?

Urgency of Repairs:

Select priority level of repairs:

☒ Critical - Immediate attention needed

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Field Repaired

Requested By:

Worker Requesting Repairs: Randy Zaiser

Signatures

Randy Zaiser, Supervisor

August 30th 2025, 11:09 AM (MDT -06:00)

52.7132684, -112.4471786



DRILL

RANDY

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

105

On the Edge RZ 2508-001

Monday, August 18th 2025, 8:49 AM [MDT -06:00]

Unit Information

Date: August 18, 2025

Select Unit Number: 105

KMs: # 1

Hours: # 6653.5

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Request - Request shop assistance in facilitating repairs.

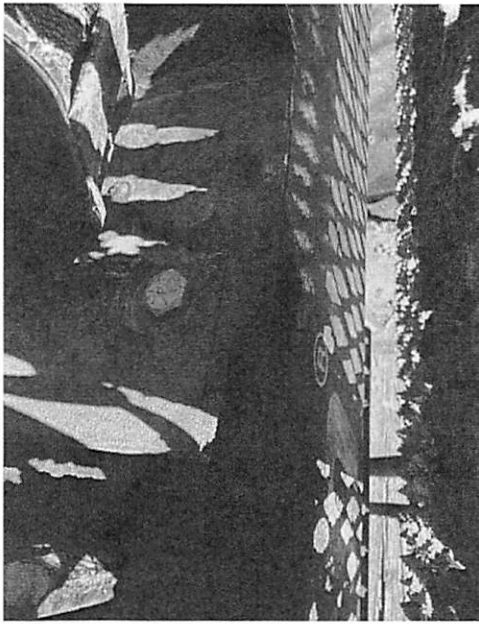
Repairs Required

Description of Repairs Required (attach photos):

≡ Pipe doper not working **COMING FROM FTST**
Frame needs to be welded under front shuttle arm
Heads and liners on mud pump leaking

LINERS/HEADS HDD PRO

↑
ANDREW



Serial/Part # if applicable:



Urgency of Repairs:

Select priority level of repairs:



Low Priority - Repair at earliest convenience

Location of repairs being completed:

Pick the location where the repairs were completed:



Wainwright Shop

Requested By:

Worker Requesting Repairs:



Randy Zaiser

Original

Randy Zaiser, *Supervisor*



August 18th 2025, 8:49 AM [MDT -06:00]



52.8512209, -110.8421973

Randy Zaiser, *Supervisor*

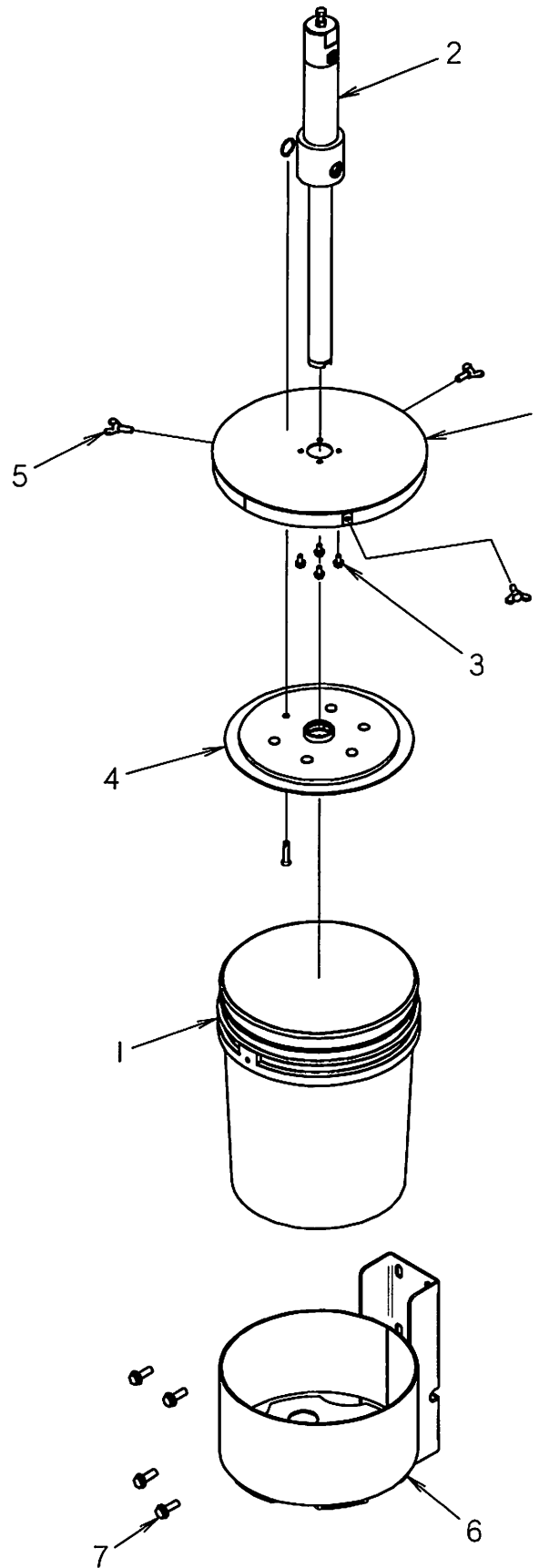


August 18th 2025, 8:52 AM (MDT -06:00)



52.8508824, -110.8418569

PUMP / BUCKET ASSEMBLY



PUMP / BUCKET ASSEMBLY

REF NO.	PART NUMBER	QTY	DESCRIPTION	REMARKS
1	256-1006	AR	TOOL JNT LUBE, 5 GAL, ENVTL FRIENDLY	METAL FREE, ALL WEATHER
	256-025	AR	TOOL JNT LUBE, SUMR SPRY 5 GAL	
1	300-5628	1	COVER	
2	350-2183	1	GREASE PUMP PARTS	
3	106-378	4	FLG LK SCREW (M6-1.00 X 12MM)	
4	350-2177	1	TOOL JOINT LUBE FOLLOWER	
5	106-795	3	WING SCREW (M8-1.25 X 20MM)	
6	370-292	1	GREASE BUCKET CONTAINER	
7	106-383	4	FLG LK SCREW (M10-1.50 X 30MM)	

NOT SHOWN:

FOOTNOTES:

NOTE:

DRILL

Maintenance Request / Report Form

Information

 105

 FSJ Shop

 Tuesday, July 29th 2025, 12:14 PM (MDT -06:00)

w/o # 000178

Unit Information

Date:  July 29, 2025

Select Unit Number:  105

KMs:  001

Hours:  6579

ENTERED
July 29/25
CC

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

-  Engine oil/filters/engine air filter
- Hydraulic filters/hyd charge filter
- X2 fuel filter replacement.
- Replace leaking engine oil filtration hoses.
- Replace leaking Hyd hoses, tighten various fittings and hose clamps.
- Cut back and repair leaking coolant line.
- Weld jaws/rathole/frame cracks at shuttle arm.
- Tear down triplex - inspect/clean, replace center plunger head.
- Change mud pump drive end oil.

- CHANGE HYD OIL

Serial/Part # if applicable:  No Response

Urgency of Repairs:

Select priority level of repairs:

☒ Low Priority - Repair at earliest convenience

Location of repairs being completed:

Pick the location where the repairs were completed:

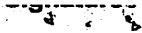
☒ Ft St. John Shop

Requested By:

Worker Requesting Repairs:

 Randy Zaiser

ENTERED



Kirk Bauming, *Construction Coordinator - BC*



July 29th 2025, 12:14 PM (MDT -06:00)



56.2288138, -120.8333755

75



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-771

FTSF

Maintenance Request / Report Form

Information

107 105

A&B RZ 2506-005

Friday, June 20th 2025, 11:01 AM [MDT -06:00]

Unit Information

Date: June 20, 2025

Select Unit Number: 107

KMs: # 001

Hours: # 6471

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos): (KITZK)

Intermittent drop in available torque during rod make-up and during drilling.

Brandon Cunningham reports that sometimes the makeup torque will only go to 2k or 3k, and sometimes will make to 4K as it should.

Diagnoses required - possible hyd pump issue or pilot valve/control issue.

To be diagnosed asap once back from field

Serial/Part # if applicable: Na

Urgency of Repairs:

Select priority level of repairs:

☒ Standard Priority - Required within 3-5 days

Location of repairs being completed:

Pick the location where the repairs were completed:



Ft St John Shop

Requested By:

Worker Requesting Repairs:



Kirk Bauming

Signatures

Kirk Bauming, *Construction Coordinator - BC*



June 20th 2025, 11:01 AM (MDT -06:00)



56.228919, -120.8334658



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

 105

 FSJ Shop

 Thursday, May 22nd, 2025, 10:48 AM (MDT -06:00)

Unit Information

Date:  May 22, 2025

Select Unit Number:  105

KMs:  001

Hours:  6373

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

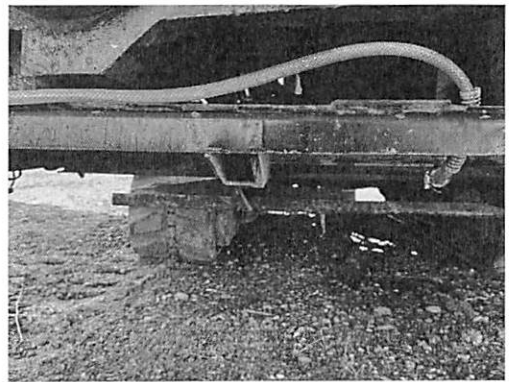
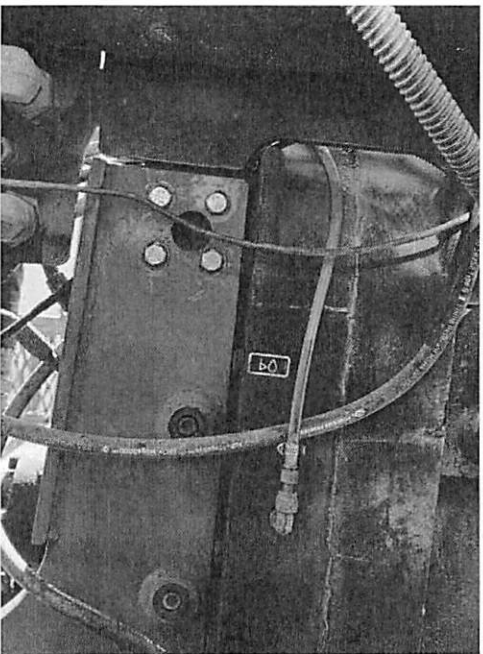
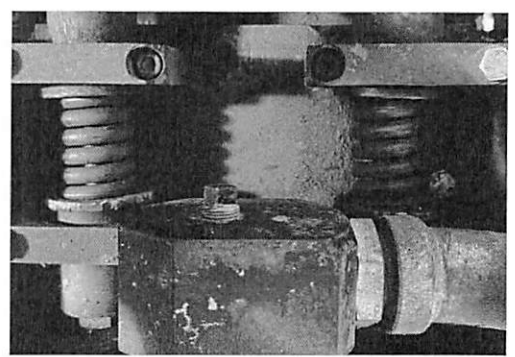
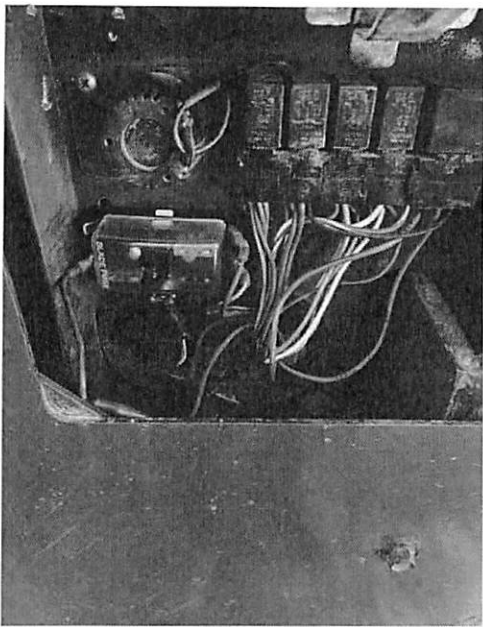
☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

-  Change final drive oil
- Replace fuse box and wiring
- Rewire radio power due to interference
- Plumbing on liner wash
- Pump out excess hyd oil
- Change thrust, rotary and water pressure gauges.
- Replace broken/loose bolts in carriage
- Replace missing bolts in thrust cart
- Check air filters - service not due

* welding required on jaws and frame, not completed yet



Serial/Part # if applicable:

☐ Worn completed

Urgency of Repairs:

Select priority level of repairs:

☒ Low Priority - Repair at earliest convenience

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Ft. St. John Shop

Requested By:

Signatures

Kirk Bauming, *Construction Coordinator - BC*



May 22nd 2025, 10:48 AM (MDT -06:00)



56.2289433, -120.8335492

A handwritten signature in black ink, appearing to be 'K. Bauming'.



Drill

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

105

FSJ Shop

Thursday, May 15th 2025, 4:57 PM [MDT -06:00]

Unit Information

Date: May 15, 2025

Select Unit Number: 105

KMs: # 0

Hours: # 6475

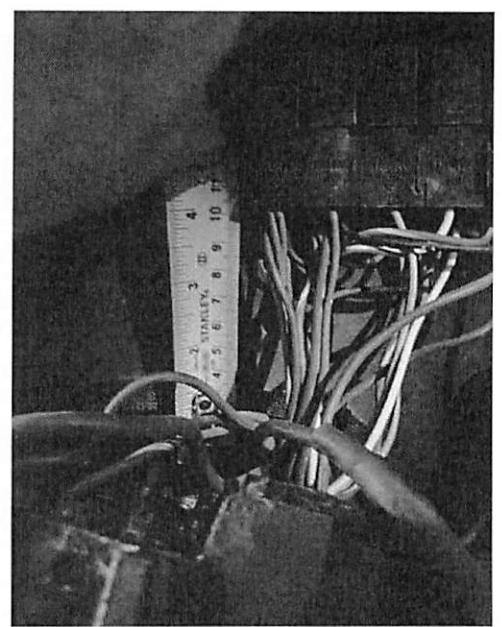
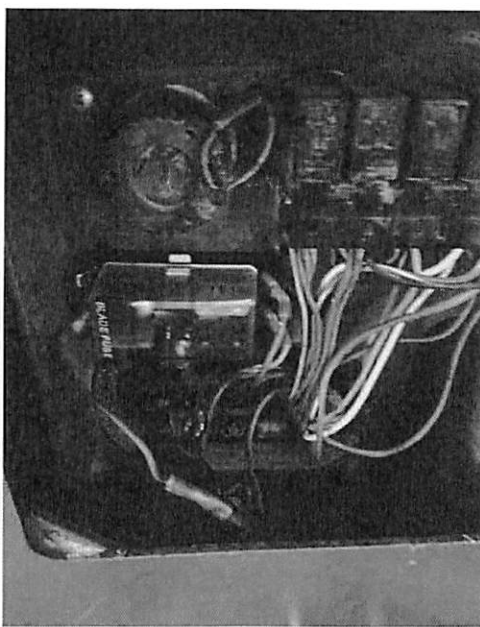
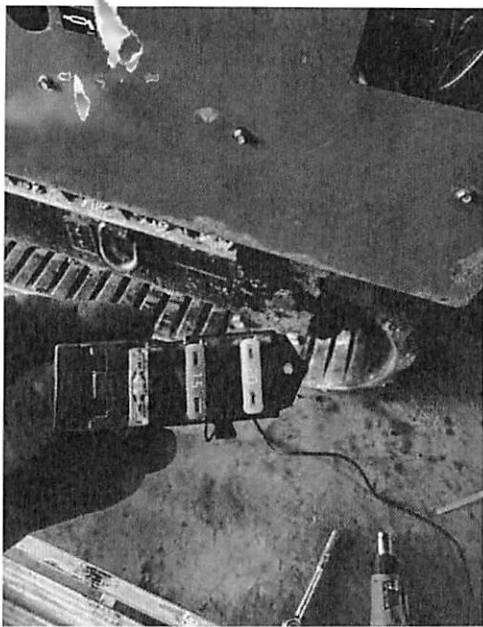
Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Report - Field completion of maintenance.

Repairs Required

Description of Repairs Required (attach photos):

Replace damaged fuse box, rewire cab power and rewire hand radio causing controls interference



Serial/Part # if applicable:

— No Response

Urgency of Repairs:

Select priority level of repairs:

☒ Completed

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Ft. St. John Shop

Requested By:

Worker Requesting Repairs:

 Kirk Bauming

Signatures

Kirk Bauming, *Construction Coordinator - BC*

 May 15th 2025, 4:57 PM (MDT -06:00)

 56.2289855, -120.8332135





RANDY

DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-771

Maintenance Request / Report Form

Information

105



Peyto RZ-2502-011



Tuesday, February 25th 2025, 7:26 AM (MST -07:00)

Unit Information

Date:



February 25, 2025

Select Unit Number:



105

KMs:



0

Hours:



6074

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.



Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos):

MAIN FUSE BOX WIRING



Electrical problem

/ SHUT DOWN COMPLETE (INTERMITTENT)

Serial/Part # if applicable:



No Response

Urgency of Repairs:

Select priority level of repairs:



Standard Priority - Required within 3-5 days

Location of repairs being completed:

Pick the location where the repairs were completed:



Field Repaired

Requested by:

Worker Requesting Repairs:



Randy Zaiser

Signatures

Randy Zaiser, *Supervisor*



February 25th 2025, 7:26 AM (MST -07:00)



54.2920037, -117.1482748

A handwritten signature in black ink, appearing to be 'RZ' or similar, located on the right side of the document.



DRILL

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information



105



A&B RZ 2504-001



Tuesday, April 15th 2025, 12:44 PM (MDT -06:00)

Unit Information

Date:



April 15, 2025

Select Unit Number:



105

KMs:

#

1

Hours:

#

1

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.



Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos):



Water pressure gage needs replacing ✓
Rotary spins high when loading a rod ASSISTED MAKEUP
Crash sensor needs to be checked SHUTTLE ARM ROW 1
Main wiring under picker arm for fuse box needs replacement ✓
Anchor bolts need replacement ✓
Rotating vice needs new bolts the metal block is not welded on correctly ✓
Main planetary for water pump box is leaking oil. NOT NOW
Rotary motor hydraulic hose needs replacement x2
Framing is splitting on box side of front shuttle arm. ROW SELECTOR (3000 MAX ROTARY) INTER

Serial/Part # if applicable:

= N/A

Urgency of Repairs:

Select priority level of repairs:



Low Priority - Repair at earliest convenience

Location of repairs being completed:

Pick the location where the repairs were completed:



Ft St. John Shop

Requested By:

Worker Requesting Repairs:



Randy Zaiser

Signatures

Randy Zaiser, *Supervisor*



April 15th 2025, 12:44 PM (MDT -06:00)



53.261944, -110.0244749



DRILL (RANDY)

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information

105

A&B RZ 2504-001

Thursday, April 10th 2025, 10:37 PM (MDT -06:00)

Unit Information

Date: April 10, 2025

Select Unit Number: 105

KMs: # 0

Hours: # 0

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.

☒ Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos):

Main drive motor and or gear to water mud pump on rig is leaking gear oil

Serial/Part # if applicable: A

Urgency of Repairs:

Select priority level of repairs:

☒ High Priority - Required within 1-2 days

Location of repairs being completed:

Pick the location where the repairs were completed: (CHECK NOT LEAKING)

☒ Other [ie. Dealership/Town]

Requested By:

Worker Requesting Repairs:



Randy Zaiser

Signatures

Randy Zaiser, *Supervisor*



April 10th 2025, 10:37 PM (MDT -06:00)



56.2464537, -120.845684

A handwritten signature in black ink, appearing to be 'Randy Zaiser'.



Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request / Report Form

Information



105



Coelcanth RZ 2504-005



Tuesday, April 29th 2025, 2:07 PM [MDT -06:00]

Unit Information

Date:



April 29, 2025

Select Unit Number:



105

KMs:



0

Hours:



6370

Please choose from list to identify if this is a request for Maintenance? Or if you are Reporting on maintenance completed.



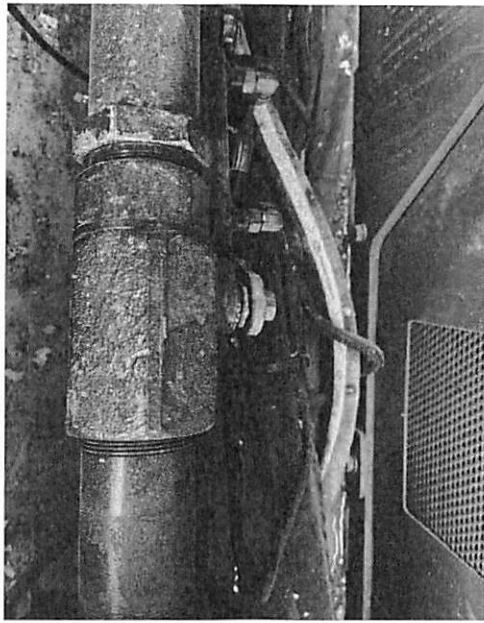
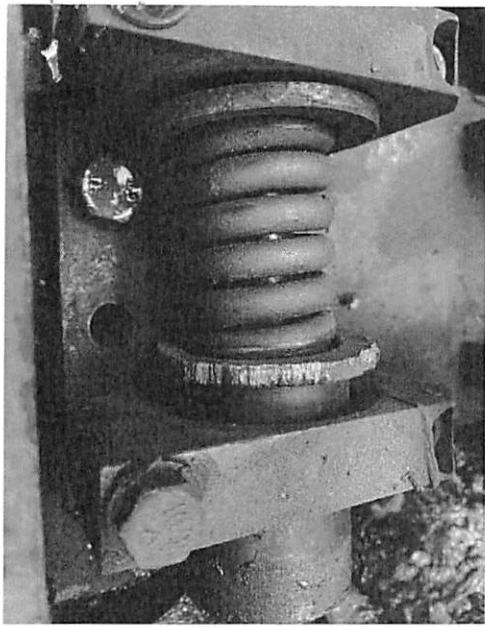
Maintenance Request - Request shop assistance in facilitating repairs.

Repairs Required

Description of Repairs Required (attach photos):



Missing bolt from carafe to top drive (MAKE UP)
2" ball valve leaking



Serial/Part # if applicable: No Response

Urgency of Repairs:

Select priority level of repairs:

☒ Standard Priority - Required within 3-5 days

Location of repairs being completed:

Pick the location where the repairs were completed:

☒ Ft St. John Shop

Requested By:

Worker Requesting Repairs:  Randy Zaiser

Signatures

Randy Zaiser, *Supervisor*

 April 29th 2025, 2:07 PM (MDT -06:00)

 56.1034898, -120.2046562





MAINTENANCE WORK ORDER

Nº 3380

UNIT #: 105
ENGINE HOURS: 5969
MILEAGE: _____
WORK LOCATION: Wannwright
WORK REQUESTED: _____

ORDER DATE: Feb 12 2025
COMPLETED DATE: Feb 13 2025
JOB #: _____

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: Checkover, Repair espar exhaust pipe
Replace wiper blades, Reinsert rear window
Bent bolts on pipe jaws
Grease
Replace fuel sending unit

TECH COMMENTS: Replace espar engine heater for a webasto

LABOUR DESCRIPTION:

ENTERED
FEB 21 2025

LABOUR DESCRIPTION:	HOURS
<u>1) Replaced wiper blades, Replaced fuel sending unit</u>	<u>13</u>
<u>Repaired espar exhaust</u>	
<u>Replaced bent pipe jaw bolts</u>	
<u>Replaced block heater</u>	
<u>Installed rear window seal</u>	
<u>Installed espar exhaust pipe</u>	
<u>Greased, topped up coolant</u>	

LABOUR TOTAL 13

PARTS & MATERIALS

BOILED

PARTS & MATERIALS	P.O. #	QUANTITY	PRICE	AMOUNT
<u>OIL & FILTER CHANGED</u>				
<u>FUEL FILTERS</u>				
<u>AIR FILTER</u>				
<u>HND FILTERS</u>				

PARTS & MATERIALS TOTAL _____

WORK AUTHORIZED BY: Ron WORK COMPLETED BY: Mike Jacobsen

UNIT RETURNED TO SERVICE: Feb 13 2025 OVERALL CONDITION OF UNIT: Good

ADDITIONAL COMMENTS: _____

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DRILL

DALE

Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Maintenance Request Form

Information

105



Paramount/WPW - D Hennig



Thursday, January 23rd 2025, 3:05 PM (MST -07:00)

Unit Information

Date:  January 23, 2025

Select Unit Number:  105

KMs: # 0

Hours: # 5916.6

Repairs Required

Description of Repairs Required:

MAYBE ROTATION SENSOR?

- Liner repair HDD PRO
- Rotation RPM gauge ✓ GAUGE SHOP - ROTATION MOTOR HDD PRO
- Water pressure gauge ✓ SHOP
- No dozer assembly ?
- Break out vice creeps HDD PRO
- Fuel gauge quit working FUEL SENDING UNIT POD SITTING C BRANDT

Requested By:

Worker Requesting Repairs:  Greg Spicer

Original

Greg Spicer, Driller



January 23rd 2025, 3:05 PM (MST -07:00)



54.8053242, -119.0578831



DALE

MAINTENANCE REQUEST FORM

UNIT# 105

HRS/KM

DESCRIPTION OF REPAIRS REQUIRED

SENT TO SITE a) BRAKE (SPINDLE) CONTROL SWITCH
HDD PRO

b) ROTATION MOTOR / REBUILDING
ORIGINAL

JONATHAN C to SITE for REPAIRS

2 x ROD WIPER RUBBERS (BECKO)

REQUESTED BY:

DATE:



Brothers HDD Inc
2002 23 Avenue
Wainwright, Alberta
T9W 0B8
780-214-7711

Field Requisition Form for Tools, Parts, & Consumables

Information

- Pressure Gauges and Rotation gauge
- Paramount/WPW - D Hennig
- Thursday, January 30th 2025, 9:53 AM [MST -07:00]

General Information

- Date: January 30, 2025
- Location: Wapiti 7-18-67-7-W6
- Job # 2501.011
- Site Supervisor: Dale Hennig

Item Details - List all items clearly

- Tool/Part/Consumable Description Pressure gauge on cylinder for wrenches and rotation gage



- Quantity: Number of Items Needed 2 pressure gauges 1 rotation gauge

Special Instructions (ie. Specific brand, model or usage details)

☰ For a Ditch Witch JT 100 unit 105

Urgency of Request:

☑ Low Priority - Repair at earliest convenience

Comments or Delivery Instructions:

☰ Out to site

Signatures

Worker Submitting the Request

👤 Dale Hennig

Site Supervisor

👤 Dale Hennig

Signatures

Dale Hennig, *Supervisor*

📅 January 30th 2025, 9:53 AM (MST -07:00)

📍 54.8125692, -119.0604833



Greg Spicer, *Driller*

📅 January 30th 2025, 9:54 AM (MST -07:00)

📍 54.8125692, -119.0604833





MAINTENANCE REQUEST FORM

UNIT# Reg 105

HRS/KM

DESCRIPTION OF REPAIRS REQUIRED	
-	Gore track rear shutoff arm
-	Vis ram pin broken ram piston broke in die block REPLACED 2x RAMS
-	spare dies 4x PINS
-	ten die bolts
-	14m allen socket (COWIN to PURCHASE IN FIELD)
-	spare parts list (DIES, BOLTS, RETAINER PLATES, RAM PINS)
-	REPAIR ANCHOUR MOTOR MOUNTING BOLTS

REQUESTED BY:

DATE:



MAINTENANCE WORK ORDER

No 3230

UNIT #: 105

ENGINE HOURS: 5661

MILEAGE:

WORK LOCATION:

WORK REQUESTED:

ORDER DATE: Dec/2/24

COMPLETED DATE: Dec/2/24

JOB #:

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: removed front ram
replaced

TECH COMMENTS:

LABOUR DESCRIPTION: removed broken ram stand it up
chase 2 HOURS

LABOUR TOTAL

PARTS & MATERIALS

	P.O. #	QUANTITY	PRICE	AMOUNT
ram shop had				
pins		2		

PARTS & MATERIALS TOTAL

WORK AUTHORIZED BY: ron

WORK COMPLETED BY: chase

UNIT RETURNED TO SERVICE: yes

OVERALL CONDITION OF UNIT:

ADDITIONAL COMMENTS:

UNIT #: 105
 ENGINE HOURS: 5559.4
 MILEAGE: _____
 WORK LOCATION: _____
 WORK REQUESTED: _____

ORDER DATE: Oct/29/24
 COMPLETED DATE: Oct/29/24
 JOB #: _____

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: replace shutter arm motor

TECH COMMENTS: _____

LABOUR DESCRIPTION:	HOURS
<u>replaced shutter arm motor</u>	<u>4</u>
<u>iron</u>	<u>1</u>
_____	_____
_____	_____
_____	_____
_____	_____

LABOUR TOTAL 5

PARTS & MATERIALS	P.O. #	QUANTITY	PRICE	AMOUNT
<u>shutter arm motor</u>	_____	<u>1</u>	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

PARTS & MATERIALS TOTAL _____

WORK AUTHORIZED BY: ron WORK COMPLETED BY: chase

UNIT RETURNED TO SERVICE: yes OVERALL CONDITION OF UNIT: good

ADDITIONAL COMMENTS: _____



MAINTENANCE WORK ORDER

Nº 2753

UNIT #: 105 drill
ENGINE HOURS: 5022hrs
MILEAGE: _____
WORK LOCATION: Brothers shop Fort St John
WORK REQUESTED: Kirk

ORDER DATE: April 16/17, 2024
COMPLETED DATE: _____
JOB #: _____

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: (1) Drive Planetary's gear oil change left and right side, Mud Pump Planetary gear oil change on drive motor and pump side, Thrust cart planetary's gear oil change on frame left two center planetary's need seal replacement, Top drive gear oil change, Anchor planetary's Gear oil change x2, Engine Service Air Filter / Fuel Filter / Oil Filter change, oil change

TECH COMMENTS: Hydraulic oil Filter change

To Brandt GP for Hyd. coupler replacement

LABOUR DESCRIPTION:

HOURS

Lubricated and greased	10
lubricated, greased and cleaned out windows	
Chris SISO	
Jesse S	2
Brandon	0.5

LABOUR TOTAL

PARTS & MATERIALS

	P.O. #	QUANTITY	PRICE	AMOUNT
Fuel Filter NAPA 600564	2amir CC	1		90.18
Fuel/Water Sep Filter FS1098 Fleetguard (Kw)	2amir CC	1		100.56
Engine Oil Filter 7182 NAPA	2amir CC	1		29.68
Hydraulic oil filter 1849 NAPA X2	2amir CC	2	142.69	285.38
Hyd Pre-charge Filter 153-375 DW Brandt	5738	1		202.88
Air Filter 500715 NAPA	5748	1		368.50
Air Filter 500809 NAPA	5748	1		105.20

Filters total PARTS & MATERIALS TOTAL 1,182.38

WORK AUTHORIZED BY: Kirk WORK COMPLETED BY: SISO Chris

UNIT RETURNED TO SERVICE: NO OVERALL CONDITION OF UNIT: Need further repairs

ADDITIONAL COMMENTS: See Maintenance Request Form



MAINTENANCE WORK ORDER

Nº 2013

UNIT #: 105
ENGINE HOURS: 4759
MILEAGE: _____
WORK LOCATION: FSS
WORK REQUESTED: _____

ORDER DATE: Feb 17 24
COMPLETED DATE: Feb 19 2024
JOB #: _____

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: Service and go over.

Broken Fingers
Shock plate Between Top drive and Thrust coat Broken
Clips missing for Air Filter Housing
Leaking Front wrench ram

TECH COMMENTS: _____

LABOUR DESCRIPTION:

HOURS

Take Plate off and Bring to shop. drill and Tap Broken
Bolts - call out for Bolts - straighten Bent Plate.
Engine oil Fuel Filters Air Filter service
Straighten Plate drill and tap Broken Bolts
Install and Test
Added 8 L Antifreeze

LABOUR TOTAL 10

PARTS & MATERIALS

P.O. # QUANTITY PRICE AMOUNT

<u>Filters</u>				
<u>oil</u>		<u>22 L.</u>		
<u>North make Bolts</u>				<u>17.37</u>

PARTS & MATERIALS TOTAL _____

WORK AUTHORIZED BY: Cory WORK COMPLETED BY: Cory

UNIT RETURNED TO SERVICE: Yes OVERALL CONDITION OF UNIT: _____

ADDITIONAL COMMENTS: _____

Pro head will not work Fuel Pickup needs changing
looks like shuttle motor starting to sweat.



MAINTENANCE WORK ORDER

N^o 1907

UNIT #: 107 105
ENGINE HOURS: 4419 HRS
MILEAGE: _____
WORK LOCATION: WANWRIGHT SHOP
WORK REQUESTED: SEE

ORDER DATE: DECEMBER 1 / 2023
COMPLETED DATE: DECEMBER 6 / 2023
JOB #: _____

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: _____

TECH COMMENTS: _____

LABOUR DESCRIPTION:

HOURS

* REBUILD BOX SIDE TRACK ASSEMBLY 1/4 MOUNTS	RON 5
(MAJOR WELDING)	RON 7
* REPAIR ALL STEEL / RUBBER HYDRAULIC HOSES	
AND MOUNTS	DIFF 26
* CHECK OPERATIONS	

LABOUR TOTAL 38

PARTS & MATERIALS

P.O. #	QUANTITY	PRICE	AMOUNT
--------	----------	-------	--------

PARTS & MATERIALS TOTAL _____

WORK AUTHORIZED BY: MANAGEMENT

WORK COMPLETED BY: RON JEROME
DUSTIN JONUEL

UNIT RETURNED TO SERVICE: DECEMBER 6 / 2023 OVERALL CONDITION OF UNIT: _____

ADDITIONAL COMMENTS: _____



MAINTENANCE WORK ORDER

Nº 1696

UNIT #: 105
ENGINE HOURS: 4411
MILEAGE: _____
WORK LOCATION: Shop
WORK REQUESTED: _____

ORDER DATE: Nov 28 23
COMPLETED DATE: Nov 28 23
JOB #: _____

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: Fingers need Attention
front wrench ram has pinhole in it. needs
welding

TECH COMMENTS: _____

LABOUR DESCRIPTION:	HOURS
<u>Drill at Finger Plastic Bolt.</u>	
<u>Install new Bolt</u>	

LABOUR TOTAL _____

PARTS & MATERIALS	P.O. #	QUANTITY	PRICE	AMOUNT
<u>Hockey stick (Plastic Pipe wear Bar)</u>	<u>stick</u>	<u>1</u>		

PARTS & MATERIALS TOTAL _____

WORK AUTHORIZED BY: Cam R WORK COMPLETED BY: _____

UNIT RETURNED TO SERVICE: _____ OVERALL CONDITION OF UNIT: _____

ADDITIONAL COMMENTS: _____



MAINTENANCE WORK ORDER

N^o 1693

UNIT #: 105
ENGINE HOURS: 4324
MILEAGE: _____
WORK LOCATION: Shop
WORK REQUESTED: _____

ORDER DATE: Nov 18 23
COMPLETED DATE: Nov 18 23
JOB #: _____

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: Service and Broken spring plate.

TECH COMMENTS: _____

LABOUR DESCRIPTION:

HOURS

<u>Service</u>	<u>5</u>
<u>Spring Plate</u>	

LABOUR TOTAL _____

PARTS & MATERIALS

	P.O. #	QUANTITY	PRICE	AMOUNT
<u>Napa</u>	<u>00-4284</u>			<u>301.51</u>
<u>D.W.</u>	<u>4286</u>			<u>532.45</u>
<u>20L O-W40</u>		<u>20L</u>		

PARTS & MATERIALS TOTAL _____

WORK AUTHORIZED BY: Car R. WORK COMPLETED BY: Car R.

UNIT RETURNED TO SERVICE: Nov 18 23 OVERALL CONDITION OF UNIT: OK

ADDITIONAL COMMENTS: _____



MAINTENANCE WORK ORDER

Nº 1638

UNIT #: 105
ENGINE HOURS: 4074
MILEAGE: _____
WORK LOCATION: _____
WORK REQUESTED: _____

ORDER DATE: Oct 28/23
COMPLETED DATE: Oct 28/23
JOB #: _____

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: _____

*Tracks have wear
Pressure Gauge*

TECH COMMENTS: _____

LABOUR DESCRIPTION: _____ HOURS

*Adjust Tracks
Replace Pressure Gauge*

LABOUR TOTAL _____

PARTS & MATERIALS P.O. # QUANTITY PRICE AMOUNT

PARTS & MATERIALS TOTAL _____

WORK AUTHORIZED BY: Shyne WORK COMPLETED BY: Corey R.

UNIT RETURNED TO SERVICE: _____ OVERALL CONDITION OF UNIT: _____

ADDITIONAL COMMENTS: _____



Brothers HDD Inc.
2002 - 23rd Avenue
Wainwright, AB T9W 0B8
Dispatch: 780-214-7711

DRILL MAINTENANCE INSPECTION REPORT

Nº 2386

White Copy - Unit File • Yellow Copy - Stays in Book • Scheduled Daily

DATE Oct 11 2023 UNIT # 105 HOURS 4074
MAKE Ditch Witch MODEL 51100 YEAR 2018

RATINGS

A: Acceptable Operating Condition

RR: Requires Immediate Repair

N/A: Not Applicable

		RATING			RATING
1	General Condition	A	9	Muffler and Exhaust System	A
2	All Shields, Panels, Guards & Covers in place	A	10	Electrical System & Proximity Switches	A
3	Fire Extinguisher, Service Date	A	11	Hydraulic System: Hoses, Steel Lines, Fluid Levels, Fittings	A
4	First Aid Kit	NA	12	Cracks: Crane, Derrick, Drillframe, Lifting Eye, Breakout Tools	A
5	Lights	A	13	Tracks	A
6	Positive Air Shut Off	A	14	Sprockets, Rollers, Idlers	A
7	Communication Radios	A	15	Breakout Dies	A
8	Mud System Condition (clean)	A	16	Ground Rods	A

REPAIRS REQUIRED

Tracks have some wear
needs pressure gauge

Inspected By (Print)

Jesse St. Laurent

Signature

[Signature]

Date

Oct 11 2023



MAINTENANCE WORK ORDER

N^o 1633

UNIT #: 105
ENGINE HOURS: 4323
MILEAGE: _____
WORK LOCATION: Fort Saskatchewan.
WORK REQUESTED: _____

ORDER DATE: Oct 5, 2023
COMPLETED DATE: Nov 1 2023
JOB #: _____

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: _____

Needs Pressure Gauge.
Wear on tracks.
New Window.

TECH COMMENTS: _____

LABOUR DESCRIPTION: _____ HOURS

Changed window.
Installed gauge

LABOUR TOTAL _____

PARTS & MATERIALS

P.O. # QUANTITY PRICE AMOUNT

window.
gauge

PARTS & MATERIALS TOTAL _____

WORK AUTHORIZED BY: Shaper WORK COMPLETED BY: _____

UNIT RETURNED TO SERVICE: _____ OVERALL CONDITION OF UNIT: _____

ADDITIONAL COMMENTS: _____



Brothers HDD Inc.
2002 - 23rd Avenue
Wainwright, AB T9W 0B8
Dispatch: 780-214-7711

DRILL MAINTENANCE INSPECTION REPORT

Nº 2380

White Copy - Unit File • Yellow Copy - Stays in Book • Scheduled Daily

DATE Sep 29 2023 UNIT # 105 HOURS 4017
MAKE Ditch Witch MODEL JT 100 YEAR 2018

RATINGS

A: Acceptable Operating Condition

RR: Requires Immediate Repair

N/A: Not Applicable

		RATING			RATING
1	General Condition	A	9	Muffler and Exhaust System	A
2	All Shields, Panels, Guards & Covers in place	A	10	Electrical System & Proximity Switches	A
3	Fire Extinguisher, Service Date	A	11	Hydraulic System: Hoses, Steel Lines, Fluid Levels, Fittings	A
4	First Aid Kit	NA	12	Cracks: Crane, Derrick, Drillframe, Lifting Eye, Breakout Tools	A
5	Lights	A	13	Tracks	A
6	Positive Air Shut Off	A	14	Sprockets, Rollers, Idlers	A
7	Communication Radios	A	15	Breakout Dies	A
8	Mud System Condition (clean)	A	16	Ground Rods	A

REPAIRS REQUIRED

Needs pressure gauge
tracks have some wear
window needs to be replaced

Inspected By (Print)

Jesse Shuck

Signature

[Signature]

Date

Sep 29 2023



MAINTENANCE WORK ORDER

Nº 1671

UNIT #: 105

ENGINE HOURS: 3991

MILEAGE:

WORK LOCATION: Shop

WORK REQUESTED:

ORDER DATE: Sept 24 23

COMPLETED DATE: Sept 24 23

JOB #:

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: Saver sub and Base worn out.

TECH COMMENTS:

LABOUR DESCRIPTION: HOURS

Remove old and Install new 4

LABOUR TOTAL

PARTS & MATERIALS P.O. # QUANTITY PRICE AMOUNT

Stock from Brandt

PARTS & MATERIALS TOTAL

WORK AUTHORIZED BY: WORK COMPLETED BY: Cory

UNIT RETURNED TO SERVICE: Cory OVERALL CONDITION OF UNIT: OK

ADDITIONAL COMMENTS:



MAINTENANCE WORK ORDER

N^o 1757UNIT #: 105ENGINE HOURS: 3612 HRS

MILEAGE: _____

WORK LOCATION: WARRIORIGHT SHOP

WORK REQUESTED: _____

ORDER DATE: MARCH 6/2023COMPLETED DATE: MARCH 14/2023

JOB #: _____

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: _____

TECH COMMENTS: _____

LABOUR DESCRIPTION:

HOURS

UNSEIZING SHUTTLE ARM CHAINS (LUBE CHAINS)	(RON 2)	
INSTALLING NEW THRUST CART ROLLERS	(RON 9)	
GENERAL CHECK OVER	(RON 7)	
INSTALLING WASHER LINER ASSEMBLY (PUMP/HOSE)	(RON 1)	
FILTER, FLUID TANK	(RON 3)	
WIRE WASHER LINER PUMP/CLEAN OUT FLUID TANK	(RON 2)	

LABOUR TOTAL 24

PARTS & MATERIALS

	P.O. #	QUANTITY	PRICE	AMOUNT
BRANDT INVOICE # 06 4691800	00-2632			
BRANDT INVOICE # 06 4692266	00-2632			
CAM TIRE INVOICE # N1872848	00-3255			
B & B INVOICE # 1-4565827	00-3220			

PARTS & MATERIALS TOTAL _____

WORK AUTHORIZED BY: DES RWORK COMPLETED BY: REN JEROMEUNIT RETURNED TO SERVICE: MARCH 14/2023

OVERALL CONDITION OF UNIT: _____

ADDITIONAL COMMENTS: _____



MAINTENANCE WORK ORDER

N^o 1752

UNIT #: 885 105
ENGINE HOURS: 3593
MILEAGE: _____
WORK LOCATION: WANNINGLIGHT SHOP
WORK REQUESTED: _____

ORDER DATE: FEB 26/2023
COMPLETED DATE: FEB
JOB #: _____

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: _____

TECH COMMENTS: _____

LABOUR DESCRIPTION:	HOURS
- REPAIR COOLANT REILKS (INLET/OUTLET HOSES ON END, REPLACE TUBED INLET HOSE) FILL SYSTEM	RON (5) RON (4)
- REMOVE BIRD BATH PUMP ASSEMBLY (SIEZED)	
- REPLACE WATER PRESSURE GUAGE	
- REPAIR ROTATING VISE OPERATION (SWITCH SOLENOID ENDS)	
- REPAIR CAB SIDE LOWER VISE/BLOCK ASSEMBLY	
- WATERPROOF (SILICONE) CRANE CONTROLLER	
LABOUR TOTAL	9

PARTS & MATERIALS	P.O. #	QUANTITY	PRICE	AMOUNT
- A/F -40°	SHOP	42		
- 3/8" HOSE AND CLAMPS	SHOP			

PARTS & MATERIALS TOTAL _____

WORK AUTHORIZED BY: RON JEROME WORK COMPLETED BY: Ron Jerome

UNIT RETURNED TO SERVICE: _____ OVERALL CONDITION OF UNIT: _____

ADDITIONAL COMMENTS: _____



MAINTENANCE WORK ORDER

Nº 1659

UNIT #: 106

ENGINE HOURS: 3854.

MILEAGE:

WORK LOCATION: Edison.

WORK REQUESTED:

ORDER DATE: Feb 11 2023

COMPLETED DATE: Feb 11 2023

JOB #:

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: Hard steering, Pro heat.

TECH COMMENTS:

LABOUR DESCRIPTION: HOURS

Install new batteries and clean terminals.

Install new pro heat and could not finish.

LABOUR TOTAL

PARTS & MATERIALS

New ~~pro~~ webasto~~new~~ Bumper to Bumper

PARTS & MATERIALS TOTAL

WORK AUTHORIZED BY: Carl

WORK COMPLETED BY: Carl

UNIT RETURNED TO SERVICE:

OVERALL CONDITION OF UNIT:

ADDITIONAL COMMENTS: did not have heater hose Ends to

Finish the webasto



MAINTENANCE WORK ORDER

N^o 1042UNIT #: 105ENGINE HOURS: 3467 HRS

MILEAGE: _____

WORK LOCATION: WAINWRIGHT SHOP

WORK REQUESTED: _____

ORDER DATE: JAN 17/2023COMPLETED DATE: JAN 27/2023

JOB #: _____

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: _____

TECH COMMENTS: _____

LABOUR DESCRIPTION: _____ HOURS

- REPLACE TOP DRIVE ROTATION HYDRAULIC HOSE 2- REPLACE FUEL FILTER HOUSING ASSEMBLY 2- REMOVE AND REPLACE FRONT SHUTTLE ARM/FINGER ASSEMBLY (INSTALL NEW HYD CYLINDER PLUNGER) 4- REMOVE REAR SHUTTLE ARM/FINGER ASSEMBLY 3(INSTALL NEW HYD CYLINDER PLUNGER) 1- REPLACE DOOR STRUTS, SECURE FIRE HOOT PANEL 3

LABOUR TOTAL _____

PARTS & MATERIALS

P.O. # QUANTITY PRICE AMOUNT

BRANDT INVOICE # 06 4674041 ?COUGAR PUMP 2770BUMPER to BUMPER 2776

PARTS & MATERIALS TOTAL _____

WORK AUTHORIZED BY: COZY RWORK COMPLETED BY: RON JEROMEUNIT RETURNED TO SERVICE: JAN 27/2023

OVERALL CONDITION OF UNIT: _____

ADDITIONAL COMMENTS: _____



UNIT #: 105
ENGINE HOURS: 3432
MILEAGE: _____
WORK LOCATION: _____
WORK REQUESTED: _____

ORDER DATE: 105 Jan 10 2023
COMPLETED DATE: Jan 10 2023
JOB #: _____

W.O. TYPE (Circle): PM CVIP Reactive

REPAIRS REQUIRED: Blown Rotation hose

TECH COMMENTS: _____

LABOUR DESCRIPTION:	HOURS
<u>Remove hose take to Athabasca for</u>	_____
<u>sample</u>	_____
<u>Install new hose</u>	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

LABOUR TOTAL _____

PARTS & MATERIALS	? P.O. #	QUANTITY	PRICE	AMOUNT
<u>Hose</u>	_____	<u>1</u>	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

PARTS & MATERIALS TOTAL _____

WORK AUTHORIZED BY: Con R WORK COMPLETED BY: Con R

UNIT RETURNED TO SERVICE: Jan 10 2023 OVERALL CONDITION OF UNIT: _____

ADDITIONAL COMMENTS: _____



MAINTENANCE WORK ORDER

Nº 1038

UNIT #: 105
ENGINE HOURS: FORGOT TO DOCUMENT HOURS
MILEAGE: PLEASE ADD FROM LEM 01 DRILL
WORK LOCATION: CHECK LIST
WORK REQUESTED: WAINWRIGHT SHOP
REPAIRS REQUIRED: _____

ORDER DATE: JAN 3/2023
COMPLETED DATE: JAN 7/2023
JOB #: _____

W.O. TYPE (Circle): PM CVIP Reactive

TECH COMMENTS: _____

LABOUR DESCRIPTION:	HOURS
- REPAIR FRONT SHUTTLE ARM AND FINGER ASSEMBLY	
- REMOVE SAVER SUB, SAVER SUB COLLAR AND SAVER SUB BLOCK (INSTALL USING NEW COLLAR AND BLOCK)	
- REMOVE BENT TROW SELECTOR ASSEMBLY	
- CHECK OVER OPERATIONS	RON 3
	DOG 1
	DUFF 2

LABOUR TOTAL 6

PARTS & MATERIALS	BRANDT	P.O. #	QUANTITY	PRICE	AMOUNT
SAVER SUB COLLAR AND BLOCK	(CORY 12)	?			
SHUTTLE ARM WEAR PADS AND ROLLER		SHOP			

PARTS & MATERIALS TOTAL _____

WORK AUTHORIZED BY: OFFICE WORK COMPLETED BY: RON J, DOG, DUFF

UNIT RETURNED TO SERVICE: JAN 7/2023 OVERALL CONDITION OF UNIT: _____

ADDITIONAL COMMENTS: _____

