

LOCATIONS:	<i>SouthGate, Setchel creek, Brittain River , Smanit Creek</i>
HD MECHANIC:	<i>Tyler Michaud, Tim Toohey, Shane Denton , Richard Russell , Mike Brooks, Jake Freeman, Thomas Dunn, Dustin Syndhorst, Jake Zylstra, Wyatt Stratchan, Aidan Kozubal, Campbell River Brandt Tractor</i>

EQUIPMENT:	<i>D6R LGP CAT High Drive Dozer</i>
UNIT NUMBER:	<i>BD4</i>
YEAR:	<i>2004</i>
SERIAL NUMBER:	<i>S/N ADE00490</i>

November 9th,2018

- *Installed LED work lights*
- *Installed Stereo*

January 7th,2019

- *Serviced Machine @*
- *Changed engine oil and filter*
- *Changed air filters*
- *Changed fuel filters*
- *Changed hydraulic filter*
- *Changed cab air filters*

March 7th,2019

- *Installed rebuilt blade angle cylinder*

March 23rd,2019

- *Repaired electrical issue*
- *Installed fire extinguisher bracket*
- *Installed fire tools*

April 2nd,2019

- *Changed Alternator and belts*

April 18th,2019

- *Received a call from Marine link that dozer was stuck on barge.*
- *Smelled electrical smoke.*
- *Arrived on the barge at CRMT, checked over wiring.*
- *Found small wiring rubbed or chewed through by transmission*
- *Troubleshoot the burnt up component and found that the inverter power was the failure*

April 27th,2019

- *Retorqued and installed new pad bolts*
- *Retorque cutting edge*
- *Installed side door panel*
- *Removed belts on fan, not that old looking... just fraying and coming apart*

April 28th,2019

- *Installed new track pads*

April 29th,2019

- *Serviced Machine @*
- *Changed engine oil and filter*
- *Changed air filters*
- *Changed fuel filters*
- *Re tighten injector hold down clamps*

April 30th,2019

- *Removed tilt cylinder hose.*
- *Took down to the shop trailer and built new hose*
- *Installed tilt cylinder hose .*

May 2nd,2019

- *Grease and inspect the machine*
- *Wash windows*

May 5th,2019

- *Found ripper tooth needed to be replaced*
- *Installed ripper tooth*
- *Installed new hardware as tilt cylinder*

June 14th,2019

- *Installed LH RH compartment doors on the engine bay*

- *Installed fuel filters*
- *Test d*

ORFORD RIVER:

Feb 25, 2020 – Shane Denton

- *Install new exhaust and smokestack.*
- *Inspect Blade lift cylinder bushings.*

Mar 1, 2020 – Shane Denton

- *Pull off bent track pad and replace.*

March 12, 2020 – Tyler Michaud

- *Washed off blade. Inspected angle cylinder on blade. Ordered parts.*

MELLERSH:

Mar 23, 2020 - Shane Denton

- *Remove blade angle cylinder. Dress up eye and install new bearing and rubber block.*
- *Dress up pin and reinstall.*
- *Remove each cap off of blade lift cylinder.*
- *Wash off bushings with torch and heat and install all new bushings on blade lift cylinders.*

Mar 25, 2020 – Shane Denton

- *Remove angle blade cylinder and put it on the boat for repair.*

April 20, 2020 - Shane Denton

- *Install blade angle cylinder.*

April 20, 2020 – Tyler Michaud

- *Installed new Tilt cylinder and rubber washers. Greased blade assembly.*

QUATUM:

June 12, 2020 – Tyler Michaud

- *Removed bent pad and prep surface for new pad. Installed new pad.*

ORFORD RIVER

Aug 12, 2020 – Shane Denton

- *Install new bushings on tilt cylinder.*
- *New bushings on blade linkage*
- *Put new power steering pump in/test unit.*
- *Find blown hose, remove chunk of blown hose.*

November 14, 2020 – Shane Denton

- *Remove blade and prep ball stud.*
- *Weld ball stud back on*

November 15, 2020 – Shane Denton

- *Grab another hose.*
- *Assemble blade and test function of cat.*

November 16, 2020 – Shane Denton

- *Flip cutting edges.*
- *Weld ice lugs on tracks*

November 19, 2020 – Shane Denton

- *Replace corner bits on D-6 cat.*

HARDWICKE:

February 4, 2021 – Shane Denton & Dustin Syndhorst

- *Fix door latch's*
- *Replace track pads.*

June 10, 2021 – Thomas Dunn

- *Serviced at 11650 HRS*
- *Oil, fuel, air and cab filters*

January 11, 2022 – Dustin Syndhorst

- *Weld on blade trunnion ball.*

August 15, 2022 – Mobisle Mechanic Ltd.

- *Repair LHS inner/outer idler saddles*
- *Weld out broken bolts on inside*
- *Install new fasteners*
- *Weld keeps on outter assembly*

August 18, 2022 – Jake Zylstra

- *Install 3rd ripper*

October 26, 2022 – Jake Zylstra

- *Replace battery*

September 12, 2023 – Aidan Kozubal

- *T/S codes and leaks*

September 13, 2023 – Aidan K

- *Cab, air filter, radio*

September 15, 2023 – Aidan K

- *Repair idler cap.*

December 16, 2023 – Dustin Syndhorst

- *Track rollers*

March 16, 2024 – Wyatt Strachan

- *Remove blade off D6*
- *Block up D6*
- *Take cutting edges off blade*
- *Pull cylinders off*
- *Move C frame & set up on stands*
- *Pull boom cylinders off BD4 and rad guard.*

March 25, 2024 – Wyatt Strachan

- *Separate tracks*
- *Torch off idler caps*
- *Remove idlers*
- *Start removing cooling package*
- *Remove fan shrouds*
- *Remove air to air*
- *Remove rad guard – bottom bolts are tough*
- *Bag of engine to start cleaning rad area*
- *Remove fan*
- *Clean radiator area*
- *Engine oil & filters*
- *Trans filter*

March 25, 2024 – Wyatt Strachan

- *Change hydraulic filters and oil*
- *RE & RE trans oil*

- *RE & RE RH final drive oil*
- *RE & RE RH Idler*
- *Re & RE cab filters*
- *Remove Belts*

March 27, 2024 – Wyatt Strachan

- *Install belts and tighten*
- *Install fan*
- *Install Honeycomb*
- *Install air to air*
- *Get belts lined up for Honeycomb's brutal*
- *Flip blade for Doug & adjust C-frame*

March 29, 2024 – Wyatt Strachan

- *Put jumper hoses on rods*
- *Reinstall fan shovel*
- *Install boom cylinders*
- *Extract broken bolts at hard nose*
- *Start on blades track*
- *Remove hr cleaner*
- *Remove turbo coolant lines oil lines*
- *Remove turbo*
- *Remove EGR coolant hoses & electrical*
- *Remove EGR broke on bolt*
- *Remove coolant manifold*
- *Remove exhaust manifold*

March 31, 2024 – Wyatt Strachan

- *Change hydraulic filters and oil*
- *RE & RE Trans oil*
- *RE & RE RH Final drive oil*
- *RE & RE RH Idler*
- *RE & RE Can filters*
- *Remove belts*
- *Install belts and tighten*
- *Install fan*
- *Install honeycomb *Getting bolts lined up for this is a nightmare as well as the fan shroud"*
- *Install air to air cooler*
- *Install rads with new seals and spacers "Trying to set the rads took time"*
- *Install new jumper hoses*

- *Reinstall fan shroud*
- *Reinstall boom cylinders*
- *Extract broken bolts*

April 02, 2024 – Wyatt Strachan

- *Take off blades*

April 15, 2024 – Wyatt Strachan

- *Reassemble unit, take off blocks*

Jun 29, 2024 – Wyatt Strachan – SM Repairs

- *Helped Aidan with rear idler*

July 09, 2024 – Wyatt Strachan

- *Reinstall door*

July 10, 2024 – Wyatt Strachan

- *Check belts, all are new & still tight*

July 16-31, 2024 – Aidan

- *Diag ripper tilt and order parts*

July 29, 2024 – Wyatt Strachan

- *Install antenna*

August 16, 2024 – Tyler Michaud

- *Troubleshoot engine oil pressure light*
- *Inspected harnesses & plug*
- *Replaced sensors, confirmed with mechanical gauge*

August 18, 2024 – Aidan

- *Zero out all fluids, repair wiring to radio*

September 06, 2024 – Dustin S

- *Replace blade angle cylinder rod, end bushing*
- *Tighten fan belt and alternator belt*

November 15, 2024 – Wyatt Strachan

- *Fix broken C-frame bolt*

November 30, 2024 – Dustin S

- *Replace backup lights*
- *Replace missing c frame bolts*
- *Weld on blade angle cylinder rod end*

December 15, 2024 – Dustin S

- *Replace hydraulic hose*

January 15, 2025 – Wyatt

- *Weld grill and check over*

January 31, 2025 – Wyatt

- *Change grease nipples and inspect pivot shaft seals*

February 15, 2025 – Wyatt

- *RE & RE LH angle cylinder, RE & RE cutting edge, service unit, cap of tilt cylinder lines and come along blade to C-frame*

February 28, 2025 – Wyatt

- *Remove cylinders and help Doug weld. RE & RE night switch*

March 15, 2025 – Wyatt

- *20 hours – no detail*

April 15, 2025 – Dustin S

- *Replace blade angle cylinder pin and bushing*
- *Weld cylinder pin keeper*
- *Remove blade tilt cylinder install delete bar*

April 30, 2025 – Dustin S

- *Weld broken engine door.*

May 15, 2025 – Dustin S

- *Troubleshoot engine stalling*

September 03, 2025 – Adverse Contracting/Dan Atwood

- *Clean and disassemble bushings in blade tilt cyl.*

September 04, 2025 – Aidan K

- *Injector lines #1 failed and #6 looks rough, turbo heat shield loose*

October 24, 2025 – Brandt Tractor – Campbell River, BC

- Steam clean and degrease machine for pre-sale
- Install customer provided cylinder. Bring machine into shop, remove cutting edge serving as cylinder. Remove upper blade support, lift blade to get at the inner tilt cylinder pin. Installed cylinder and re installed upper blade support pin. Hook up lines to cylinder. Grease pins. Test to confirm fix. OK.
- Needs a servicing – 13,508 hrs Feb 4, 2026