

H10

450 John Deer

Description	Date	Hours	Completed By	MWO#
250 Hour Service	August 12 2021	7842		
500 Hr Service	September 03 2021	8052		
			Changed engine oil and filters, changed air filter (Shawn)	
			Changed engine oil & Filters. Changed fuel filters. Changed engine air filter. Installed a 2 way radio, installed an inverted for the 2 way radio. (Dan V)	
			(500 hour service was done 290 hours Early)	
500 Hr Service	October 10 2021	8276		683
2000 Hr Service	March 03 2022	8670		3557
			500 hour service due, AM/FM radio does not work - changed engine oil & filters. Changed all fuel filters, changed outer engine air filters. Replaced AM/FM radio and antenna. (Daniel V)	
Repairs	March 23 2022	8865		2988
			Hydraulic oil leak - machine down, Travelled from the shop to brant for parts, travelled to site. Removed the broken solenoid valve from the Hydraulic valve bank. Installed a new solenoid valve on the hydraulic valve. Filled hydraulic oil tank, checked for leaks. Travelled back to the shop. (Dan V)	
Service	April 17 2022	8956		
			Engine oil & engine oil replaced (15W40). Fuel filters replaced. Outer engine air replaced. All fluids checked topped up if needed. Grease fitting on boom replaced. 2 way radio antenna wiring hooked up to head unit. Unit greased. (Jacob M)	
Repairs	April 28 2022	9037		2133
Repairs	April 29 2022	9048		
			Hydraulic leaks - Found Hydraulic leak found solenoid that just got changed. Got a new valve installed and sent the old one back for parts warranty. (Taylor Jones)	
Repairs	May 27 2022	9300		3665
			Change all 4 hydraulic lines running from swing motor over to left side travel motor. Orings greased. Oil topped up guards put back on (Anti seized bolts) 2 lines of hydraulic pump changed for taking shock forces out of the system. (Jacob M)	
			Hydraulic oil leak - Found the solenoid for the fan reversal has come apart again. Removed cat walks and panels that covered the fan motor. Sent a picture of the fan motor to Taylor, put panels back on. Removed broken solenoid valve, installed a new valve. Installed cat walks. Ran unit and set it up so I could check the hydraulic oil level. Added one pail. (Dan V)	
Repairs	June 15 - 30 2022	9326		3719
			Removed under carriage, Hyd fan update - Removed all rollers (Bottom & Top). Tapped and cleaned all holes used neverseize on every bolt. Torqued to spec removed sprockets, cleaned and tapped holes used blue locktite on hardware torques to spec. Removed old idlers. Installed new cleaned and tapped holes. Installed new rockguards torqued to spec. Removed hood and top panneling removed fan motor and bracket assembly, installed new motor in bracket then installed in machine hook up all hyd line and electrical connections, started and ran unit - tested all good (Tanner N)	
Repairs & Service	June 25 2022	9328		2620
			Service- Engine oil & filters changed (5W40). All 4 fuel filters changed. Outer engine air changed. Toggle switch for backup alarm wired in. Clamp for hydro lines from under machine to final motors put back on. Cutting edges done on bucket. Unit greased/fluids gone through. (Jacob M)	
250 Hour Service	July 27 2022	9378		3731
			look over unit and complete 250 hour service - Changed engine oil, Changed filter, sampled, changed all 4 fuel filters, changed both inner and outer air filter, greased unit, ran espar all good. (Tanner N)	
Repairs & Service	October 18 2022	9882		2638
			Hydraulic pumps steel suction line leaking - Remove hydraulic pump suction and have Able Welding repair crack. New pipe came in at Brant so installed new pipe and filled with new hydraulic oil (David & Jacob). Changed engine oil and engine oil filters. Change all 4 fuel filters. Change inner and outer air filter. Change swing drive oil. Change final drive oil (Jacob). Test Espar heater. Reset maintenance reminders in machine. Change hydraulic filter and both pilot filters. (David McDonald)	
Repairs	November 28 2022	MWO		
			Weld Cords on every other pad - Completed buy Wally	
Repairs	December 06 2023	MWO		
			replace bucket teeth and quick attach bolts - Replace weld on tooth holder to frog on digging bucket, Wally replaced tooth adapter	
Repairs	March 09 2023	MWO		
			Broken joy stick - Replaced broken joy stick with new joystick. (Taylor)	
Repairs	December 10 2022	10330		MWO#
			No repair date, no signature, December 10, 2022 was the day the maintenance work order was filled out. Shims in main Pin, Cleanup - Done. Bucket needs hard surfacing, Steel line on Stick Ram - Done	
Service	April 1, 2023	10533		
			Rubber seals on return pipe couplers replaced. Engine oil and engine oil filters changed. Fuel filters changed. Outer air changed. Unit ran and checked for leaks. (Jacob M)	2724
Repairs	April 08 2023	10650		NOW#
			Right Track tightener seal is gone. - Replaced track tensioner Taylor Jones	
Repairs	April 19 2023	10707		MWO#
			Code Icon on Display monitor may have a bad injector - Brant Tractor went out and changed the injectors. (Taylor J)	
Repairs	April 26 2023	10727		2658
			Split track replaced RH track adjuster with a new one. Installed track again with everything tightened up. Taylor Jones	
General Repair	June 26 2023	10968		1789170
			RE/RE injectors. Removed valve covers, removed fuel lines, removed injectors. Installed injectors torqued to spec, installed fuel lines and torqued to spec. Installed valve cover, put trim codes in machine. Ran machine checked for leaks to see if fuel system would bleed down. Return machine to work. HYD tune up, warmed up hydraulics, main was at 29KPA, set to 31.4KPA. Power dig was at 30-31 KPA, set to 34.7 KPA, tested machine. (John Deere)	
Repairs	July 18 2023	11171		2251
			Fuel filters done, Master pads, Bolts & track pin keepers replaced. Loose pad bolts replaced/ or tightened. (Jacob)	
General Repair	July 31 2023	11278		1789847
			DIAG/Repair for won't rev past 1500 RPM. Test run and confirm engine will rev up, but under load the engine fuel filter restriction light comes on. Confirm fuel filters are clean, found fuel filter bypass relief failed. Re/Re failed fuel filter bypass relief valve. (Brandt)	
Repairs & Maintenance	September 29 2023	11564		2291
			Tracks were put on the unit, new washers and keepers for master pin. Tracks have been adjusted. (Jacob M)	
Service	October 19 2023	11620		2405
			Changed engine oil, Changed fuel filters, Changed oil filters and outer air filter changed. Final drive oil done. Right hand center carrier rollers changed. Track readjusted. (Jacob M)	
Repairs	January 10 2024	11998		2330
			6 Tooth digging bucket has a crack across the left corner by teeth - Walley welded crack (Ross Hogg)	
Repairs	May 22 2024			1959
			RnR Rlt master pin and Hardware. Attach clean bucket/Dig loaded. Remove back up alarm - Reinstall backup alarm (Parts on order for backup alarm, this will be replaced in the field. (Cam K)	
Service	July 24, 2024	12530	Shawn Hall	Maint Log
			Fuel filters, engine oil and filters, air filters	
Repairs	August 10 2024	12612		3508
			Final Rebuild, Drum and Sprocket swap - Loosen tension off of track, split track pin welded. Drain final, remove cover, remove sin gear/planets. Re install cover, clean all debris from final. Remove ring gear housing. Mark bearing nut and remove. Remove drum/bearing and duo cone. Remove old bearing from new drum. Clear all dirt and rust from new drum. Cleaned machine side. Installed new racks. Installed bearing and duo cone. Installed drum. Tightened bearing to set pre-bad. Installed ring gear housing with new O-Ring. Torqued. Installed sprocket, torqued. Re Assembled final, installed front cover w gasket. Filled final. Re installed track. Repeat other side. Test diagnose travel speed issue and repaired. (Cam)	

Service	September 21, 2024	12853	Dan J.	Fuel filters, engine oil and filters.	Maint Log
Service	October 26, 2024	13077	Shawn Hall	Fuel filters, engine oil and filters, air filters	Maint Log
Service	December 10, 2024	13330	Shawn Hall	Engine oil and filters, air filters	Maint Log
Repairs	April 23 2025	13431	Cameron Kindrachuk	Oil leaks. Return line couplers leaking. Changed couplers. Topped up hyd oil	3799
2000 Hr Service	July 3, 2025	13704	Cameron Kindrachuk	Drain and sample engine hyd, swing motor, and final drive oil. Replace all filters. Top ran, then topped up oils, replaced leaking lines	1794
Undercarriage repair	July 24/2025	13795	BRANDT TRACTOR	Pad Swap. Took tracks to Brandt Tractor for pad swap changed both rails and some broken pads (BRANDT TRACTOR)	
Repairs	August 2, 2025	13800	Cameron Kindrachuk	Undercarriage: Cut tracks off, removed idlers, Removed bottom rollers, Cleaned mounting surface, Install and torque rollers, Install chains and torque, Mount idler	4511
				install tensioner plate. Unroll tracks, push under machine, wrap, install shims and master pins.	
Repairs	August 8, 2025	N/A	Keenan Martin	At pauls plant - Windfall: T/S RH front idler binding and truck tensioner backing off. Found tensioner jumped out of place and sitting above yoke, rubbing against front idler. Need to split track and remove idler assembly	4841
Repairs	August 15, 2025	13812	Cameron Kindrachuk	RNR Track tensioner: Remove track pads, split track, remove idler. Remove tensioner shaft bent @ 45 degrees, install new tensioner, re-install idler, tension track	4514
				Run unit	
Repairs	August 20, 2025	13847	Cameron Kindrachuk	A/C belt, Door latch; Belt tension was slacked off. Re-tensioned belt. Replaced broken door latch	4516
Service	September 29, 2025	13984	Cort Field	250 hr Service: Changed engine oil filter, Changed fuel filters / Water sep filters. Changed air filters/ Cab filters. Greased	4999
Repairs	November 4, 2025	14187	Cameron Kindrachuk	Batteries, Webasto; Removed batteries, replaced with new, traded in cores. Ran Webasto. Fuel line broken, repaired and tested.	4724
Service	March 11, 2026	14379	Cameron Kindrachuk	250 hr service; Drain and sample engine oil. Change oil, fuel and air filters, filled engine. Change cab filters. Grease unit, Tension tracks slacked off	4413
Service	June 10, 2026	14877	Cort Field	250 hr service; Changed engine oil and filters. Changed fuel filters. Changed inner cab filter. Fixed lights	3881



Your OEM Alternative

Remit To:
3750 13 Street
Nisku, AB T9E 1C6
Phone: (780) 979-8502
www.uniontractor.com

POSTED
10

Union Tractor Ltd.
11123 97 Ave.
Grande Prairie, AB T8V 3J6
(780)532-5587

INVOICE
220-101680

Bill To		Customer No.		Ship To		Customer No.			
		063569		DCE		063569		DCE	
		D RAY CONSTRUCTION LTD BOX 25 BEAVERLODGE, AB T0H 0C0				D RAY CONSTRUCTION LTD BOX 25 BEAVERLODGE, AB T0H 0C0 (780)354-8896			
Branch Grande Prairie				GST Number 105448161		Reference Number 220-101680			
Month/Day/Year 6/23/22		Writer TRS		Order No. 6/01/22 101680		Customer P.O. H10-A080988		Terms NET 30 DAYS	
								Ship Via SHOP	
								TRS	
Machine S/N: Unit Number.:		1FF450DXHA0914041		License No.: Machine Make:		914041 JOHN DEERE		Cust. Contact: TAYLOR 780-933-0729	
Machine: Machine Model:		HOURS: 9327 450D		Machine Year:		0000		Location: GP SHOP	
Quantity Ordered	Quantity Shipped	Back Ordered	Part Number and Description			Code	Price	Net Amount	
REQUEST 1: PAD SWAP									
ACTION 1: SWAP PADS TO NEW RAILS TORQUED BOLTS TO 370 FT/LBS + 1/3 TURN PAD WIDTH 35.5"									
2	2		SEL SI87353	LINK ASSY	TG	5875.660	11751.32		
424	424		BRA SI651	CAT 345, EX400, JD992	TG	4.570	1937.68		
424	424		BRA SI652	TRACK BOLT, 24MM	TG	1.420	602.08		
				TRACK NUT, SQUARE	TG				
				24MM X 1.5					
6	6		SEL 4349516	T/C ROLLER	TG	227.020	1362.12		
24	24		VAL 19M8969	ZX450LC, JD450	TG				
				BOLT	TG	3.240	77.76		
				18MMX2.5X60MM					
24	24		KOM 0164331845	HARDENED WASHER	TG	.620	14.88		
				18MM					
18	18		SEL 4386648	ROLLER GRP, SF	TG	343.700	6186.60		
				EX400, ZX450					
2	2		SEL 1010956	SPROCKET	TG	325.470	650.94		
48	48		BRA J932270	CAPSCREW	TG	6.210	298.08		
				22X2.5X70MM, GRADE 10.9					
48	48		BRA 5P8249	WASHER, HARDENED	TG	1.340	64.32		
				D8N ROLLER MTG 7/8"					
2	2		SEL 9244297	IDLER A.	TG	1597.080	3194.16		
				ZX450LC-3, JD450D					
8	8		BRA 6V3532	CAPSCREW	TG	3.230	25.84		
Goods Received By: Please Print Name			Signature X			SUBTOTAL TAX			
Comment: Terms: Positively no goods accepted for credit without our prior authorization and invoice number. Goods returned subject to restocking charges when supplied as ordered.						Time Prepared			
						TOTAL			
						Continued			

Rental
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an OEM Alternative

Remit To:
3750 13 Street
Nisku, AB T9E 1C6
Phone: (780) 979-8502
www.uniontractor.com

Union Tractor Ltd.
11123 97 Ave.
Grande Prairie, AB T8V 3J6
(780) 532-5587

INVOICE
220-101680

Bill To	Customer No.	Ship To	Customer No.
	063569		063569
	DCE		DCE
D RAY CONSTRUCTION LTD BOX 25 BEAVERLODGE, AB T0H 0C0		D RAY CONSTRUCTION LTD BOX 25 BEAVERLODGE, AB T0H 0C0 (780) 354-8896	

PG 2 OF 2
WORK ORDER

CHARGE INVOICE

Branch	Grande Prairie	GST Number	105448161	Reference Number	220-101680
Month/Day/Year	6/23/22	Writer	TRS	Order No.	6/01/22 101680
		Customer P.O.	H10-A080988	Terms	NET 30 DAYS
				Ship Via	SHOP

Quantity Ordered	Quantity Shipped	Back Ordered	Part Number and Description	Code	Price	Net Amount
72	72		BRA J932202			
16	16		MIS J932200			
14.20	14.20		LAB LABSHP1			
			M20X2.5X60MM, GRADE 10.9			
			BOLT, ROLLER MTG	TG	6.550	471.60
			BOLT	TG	8.250	132.00
			SHOP REGULAR LABOUR	TG	155.000	2201.00
			SHOP SUPPLIES	TG		154.07
			SUBLETS:	0.00		
			PARTS:	26769.38		
			LABOR:	2201.00		
			SUPPLIES:	154.07		

GOODS & SERVICES TAX (CODE G) \$1,456.22

Goods Received By: Please Print Name	Signature X	SUBTOTAL	29124.45
		TAX	1456.22
Comment: Terms: Positively no goods accepted for credit without our prior authorization and invoice number. Goods returned subject to restocking charges when supplied as ordered.		Time Prepared 10:32	TOTAL
			30580.67



Brandt

Brandt Tractor Ltd.
7301 102nd St.
Clairmont, AB
T8X 5A7
(780)532-3414

Service Invoice



SOLD TO:

D. RAY CONSTRUCTION LTD.
P.O. BOX 25

BEAVERLODGE, AB T0H 0C0

PAGE
1
SALE TYPE
CHARGE
CUSTOMER NO.
73542522

INVOICE DATE	BRANCH	INVOICE NO.
26 JUN 23	07	1789170

**** PRELIMINARY ****

PURCHASE ORDER NO.	PHONE NUMBER	WORK ORDER NO.	SEG.	DATE OPENED	SALES PRN
	780-354-2522	1789170	01	31 MAY 23	
MAKE	MODEL	SERIAL NO.	EQUIP. NO.	METER	AUTHORIZED BY
JD	450DLC	FF450DX914041		10966	TAYLOR/AARON

DESCRIPTION	AMOUNT
RE/RE INJECTORS	
-REMOVED VALVE COVERS.	
-REMOVED FUEL LINES.	
-REMOVED INJECTORS.	
-INSTALLED INJECTORS TORQUED TO SPEC.	
-INSTALLED FUEL LINES AND TORQUED TO SPEC.	
-INSTALLED VALVE COVER.	
-PUT TRIM CODES IN MACHINE.	
-RAN MACHINE CHECKED FOR LEAKS TO SEE IF FUEL SYSTEM WOULD BLEED DOWN.	
-RETURN MACHINE TO WORK.	
6 8981675562 NOZZLE CY 1,203.33	7,219.98
6 8980659920 GASKET 7.13	42.78
1 1154196351 GASKET 13.85	13.85
6 8984863460 GASKET 3.38	20.28
*** STAGING ***	
* LABOR *	2,600.00
SERVICE ACCESSORIES 234.00	234.00
CARBON TAX SURCHARGE 52.00	52.00
>>--> SEG# 01 PRT 7,296.89 LAB 2,600.00 MSC 286.00 TOTAL 10,182.89	
* GST/HST *	509.14
TRAVEL	
* LABOR *	712.50
>>--> SEG# 02 PRT .00 LAB 712.50 MSC .00 TOTAL 712.50	
* GST/HST *	35.63

POSTED

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUM). MINIMUM CHARGE OF \$1.50.

I hereby authorize the above repair work to be done along with the use of necessary materials. You and your employees may operate above machine for purposes of testing, inspection, or delivery at my risk. I agree to pay cash on delivery of machine or on terms satisfactory with you and until paid in full an express mechanics lien is acknowledged on above machine to secure the amount for repairs thereto. It is understood that this company assumes no responsibility for loss or damage by theft or fire to machine placed with them for storage, sales, repair or while field testing.

SIGNATURE

DATE

TOTAL PARTS

TOTAL LABOR

MISC. CHARGES
SALES TAX

PLEASE PAY
THIS TOTAL

→ **CONTINUED**

CUSTOMER COPY

Grand Theft
7301-102nd St
Clairmont, AB
T8X 5A7
(780)532-3414

Service Invoice



JOHN DEERE

SOLD TO:

D. RAY CONSTRUCTION LTD.
P.O. BOX 25

BEAVERLODGE, AB T0H 0C0

PAGE	2
SALE TYPE	
CHARGE	
CUSTOMER NO.	73542522

INVOICE DATE	BRANCH	INVOICE NO.
26 JUN 23	07	1789170

**** PRELIMINARY ****

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PURCHASE ORDER NO.		PHONE NUMBER		WORK ORDER NO.		SEG.		DATE OPENED		SALES PRN	
		780-354-2522		1789170		02		31MAY23			
MAKE		MODEL		SERIAL NO.		EQUIP. NO.		METER		AUTHORIZED BY	
JD		450DLC		FF450DX914041				10966		TAYLOR/AARON	
DESCRIPTION											AMOUNT

* TOTAL GST/HST * - GST No. 899544779	544.77

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUM). MINIMUM CHARGE OF \$1.50.

I hereby authorize the above repair work to be done along with the use of necessary materials. You and your employees may operate above machine for purposes of testing, inspection, or delivery at my risk. I agree to pay cash on delivery of machine or on terms satisfactory with you and until paid in full an express mechanics lien is acknowledged on above machine to secure the amount for repairs thereto. It is understood that this company assumes no responsibility for loss or damage by theft or fire to machine placed with them for storage, sales, repair or while field testing.

✕

SIGNATURE

DATE _____

DESCRIPTION	AMOUNT
TOTAL PARTS	7,296.89
TOTAL LABOR	3,312.50
MISC. CHARGES	286.00
SALES TAX	0.00
PLEASE PAY THIS TOTAL	11,440.16

CUSTOMER COPY



Brandt Tractor Ltd.
7301 102nd St.
Clairmont, AB
T8X 5A7
(780)532-3414

Parts Invoice



JOHN DEERE

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D. RAY CONSTRUCTION LTD
P.O. BOX 25

BEAVERLODGE, AB T0H 0

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CASH	CHQ.	OTHER
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ACCOUNT NO. 73542522		

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D. RAY CONSTRUCTION LTD
TAYLOR

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SALESMAN	ORDER NO.	RO. NO.	PHONE	INVOICE DATE	TIME	INVOICE NO.			
749	A080988	01285514	780-354-2522	29APR24	08:24	07 4787786			
QUANTITIES						PRICES			OFFICE USE
ORDERED	SHIPPED	B/O	✓	PART NUMBER	DESCRIPTION	BIN	LIST	NET	
				MAKE: JD	MODEL: 450DLC	SERNO: FF450DX9	14041	HRS:	
	2		N	3079233	BUSHING	E10011	310.79	279.99	559.98 PC
	2		N	TH102411	SEAL SE	C08063	49.89	37.99	75.98 PC
	2		N	4251212	SEAL	E03033	38.17	34.39	68.78 PC
	2		N	3026075	BUSHING XY		247.01	222.53	445.06 PC
	2		N	3060476	BUSHING XY		322.92	290.92	581.84 PC
	1		N	J75481	FITTING	H01029	2.45	2.21	2.21 PC
	7		N	J75481	FITTING XY	H01029	2.45	2.21	15.47 PC
	2		N	4130686	BUSHING	S04054	16.72	15.06	30.12 PC
	2		N	4130686	BUSHING XY	S04054	16.72	15.06	30.12 PC
	4		N	4105912	CAP XY		15.85	14.28	57.12 PC
	2		N	AT131682	SEAL	H02035	65.94	50.23	100.46 PC
	4		N	AT131682	SEAL XY	H02035	65.94	50.23	200.92 PC
	1		N	FF555564	PIN PI	10B31	3032.50	2731.98	2731.98 PC
	1		N	FF550928	PINPIN XY		2075.66	1869.96	1869.96 PC
	1		N	FF550932	PINPIN XY		2249.10	2026.22	2026.22 PC
	1		N	FF550922	PINPIN XY	05F32	1967.44	1772.47	1772.47 PC
	4		N	4276312R	BOLT BO	14V6E	100.43	76.49	305.96 PC
	3		N	4134370R	SHIM	H09055	49.60	44.90	134.70 PC
	6		N	4134371R	SHIM SH	E19103	21.38	19.35	116.10 PC
	3		N	4134372R	SHIM SHI	E09044	19.78	17.91	53.73 PC
	6		N	4134373R	SHIM	E09091	24.86	22.52	135.12 PC
	4		N	4487682	O-RING	F10022	91.94	82.83	331.32 PC
	4		N	AT201578	RING RI	20V2B	102.72	78.23	312.92 PC

QST # 1226957240

SHIP VIA

TERMS: NET 30 DAYS FROM
DATE OF INVOICE

NO GOODS CAN BE RETURNED WITHOUT OUR PERMISSION. GOODS
RETURNED BY PERMISSION WHICH WERE FURNISHED CORRECTLY
ACCORDING TO ORDER ARE SUBJECT TO A HANDLING CHARGE. NO
CLAIMS ON THIS INVOICE WILL BE CONSIDERED AFTER 30 DAYS OF
RECEIPT OF GOODS.

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUUM).
MINIMUM CHARGE OF \$1.50

TITLES TO ALL ITEMS
REMAIN WITH BRANDT
TRACTOR LTD. UNTIL PUR-
CHASE PRICE, INTEREST
AND OTHER CHARGES
ARE FULLY PAID.

DESCRIPTION	ACCOUNT	AMOUNT
PARTS		
SALES TAX		
PLEASE PAY THIS TOTAL		CONTINUE

SIGNATURE

DATE

CUSTOMER COPY



Brandt Tractor Ltd.
7301 102nd St.
Clairmont, AB
T8X 5A7
(780)532-3414

Parts
Invoice



JOHN DEERE

S
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D. RAY CONSTRUCTION LTD
P.O. BOX 25

BEAVERLODGE, AB T0H 0

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CASH	CHEQ	OTHER
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ACCOUNT NO.		
73542522		

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D. RAY CONSTRUCTION LTD
TAYLOR

SALESMAN	ORDER NO.	PO. NO.	PHONE	INVOICE DATE	TIME	INVOICE NO.				
749	A080988	01285514	780-354-2522	29APR24	08:24	07 4787786				
QUANTITIES				PART NUMBER	DESCRIPTION	BON	PRICES			OFFICE USE
ORDERED	SHIPPED	S/O	✓				LIST	NET	EXTENSIONS	
	1			N 4660855	BUSHING XY		459.04	413.55	413.55	PC
	6			N 201056-022GX	SHIM, RO	D07025	12.01	9.25	55.50	PC
	3			N 4134370R	SHIM XY	H09055	49.60	44.90	134.70	PC
	3			N 4134372R	SHIM SHIXY	E09044	19.78	17.91	53.73	PC
				BACK LARGE AS						
				Tax ID:						
				* HOURS: MON-THUR 7AM-10:30PM FRI 7AM-6PM SAT 8AM-4PM *						
				***** 24 HOUR ON CALL PARTS & SERVICE *****						
				***** ALL OPENED ELECTRICAL IS NON RETURNABLE *****						
				* RESTOCKING FEE'S: 25% TO A MAX OF \$5000 PER LINE *						
				** AS OF DECEMBER 1ST, 2023 ON ALL SPECIAL ORDERS **						
				** ALL FABRICATED HYDRAULIC HOSE SALES ARE FINAL **						

				GST No. 899544779						
				* TOTAL GST/HST *						
				INVOICE CONTAINS 1596.94 DISCOUNT 630.85						
CST # 1226952240				SHIP VIA PICKUP		DESCRIPTION		ACCOUNT	AMOUNT	
TERMS: NET 30 DAYS FROM DATE OF INVOICE NO GOODS CAN BE RETURNED WITHOUT OUR PERMISSION. GOODS RETURNED BY PERMISSION WHICH WERE FURNISHED CORRECTLY ACCORDING TO ORDER ARE SUBJECT TO A HANDLING CHARGE. NO CLAIMS ON THIS INVOICE WILL BE CONSIDERED AFTER 30 DAYS OF RECEIPT OF GOODS. PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUM). MINIMUM CHARGE OF \$1.50 SIGNATURE _____ DATE _____				PARTS TAXABLE						
				PARTS NONTAXABLE				12616.02		
				MISC TAXABLE						
				MISC NONTAXABLE						
				SALES TAX						
				PLEASE PAY THIS TOTAL				13246.87		

CUSTOMER COPY



Brandt Tractor Ltd.
7301 102nd St.
Clairmont, AB
T8X 5A7
(780)532-3414

Parts Invoice



JOHN DEERE

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D. RAY CONSTRUCTION LTD
P.O. BOX 25

BEAVERLODGE AB T0H 0C0 C

PAGE 1		
CASH	CHG.	OTHER
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ACCOUNT NO. 73542522		

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D. RAY CONSTRUCTION LTD
TAYLOR 780-933-0729
PO: A080988-H10

SALESMAN	ORDER NO.	RO. NO.	PHONE	INVOICE DATE	TIME	INVOICE NO.			
705	SEE SHIP	01293822	780-354-2522	12AUG24	08:41	07 4793840			
QUANTITIES						PRICES			
ORDERED	SHIPPED	S/O	✓	PART NUMBER	DESCRIPTION	BIN	LIST	NET	EXTENSIONS
				MAKE: JD	MODEL: 450DLC	SERNO: 1FF450DX	HA0914041	HRS:	
2				N 4350347	SEAL XY	B14032	1404.33	995.45	1990.90 PC
3				N FYB00001945	BEARING XY		1046.56	918.57	2755.71 PC
2				N 4203187	O-RING XY		64.06	64.06	128.12 PC
4				N 19M7872	CAP SCREXY	17V6B	6.26	6.26	25.04 PC
LINES 3-7 AT 6D BRANCH FOR CUSTOMER TO PICK UP, 08-08-24 RYLIE									
1				N FYB00001945	BEARING CY		1046.56	918.57	918.57 PC
2				N 1015882	DRUM CY		3750.00	3750.00	7500.00 PC
^^LINE 17 COMING FROM BVP REGINA AND BEING DELIVERED TO 6D BRANCH FOR CUSTOMER TO PICKUP, 08-08-24 RYLIE									
LINE 16 WILL BE IN JD EDM DROP BOX FOR CUSTOMER PICKUP, 08-08-24 RYLIE									
Tax ID:									
* HOURS: MON-THUR 7AM-10:30PM FRI 7AM-6PM SAT 8AM-4PM *									
***** 24 HOUR ON CALL PARTS & SERVICE *****									
***** ALL OPENED ELECTRICAL IS NON RETURNABLE *****									
* RESTOCKING FEE'S: 25% TO A MAX OF \$5000 PER LINE *									
** AS OF DECEMBER 1ST, 2023 ON ALL SPECIAL ORDERS **									
** ALL FABRICATED HYDRAULIC HOSE SALES ARE FINAL ***									

POSTED

Rental
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TERMS: NET 30 DAYS FROM
DATE OF INVOICE

NO GOODS CAN BE RETURNED WITHOUT OUR PERMISSION. GOODS
RETURNED BY PERMISSION WHICH WERE FURNISHED CORRECTLY
ACCORDING TO ORDER ARE SUBJECT TO A HANDLING CHARGE. NO
CLAIMS ON THIS INVOICE WILL BE CONSIDERED AFTER 30 DAYS OF
RECEIPT OF GOODS.

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUM).
MINIMUM CHARGE OF \$1.50

SIGNATURE

DATE

CUSTOMER COPY

DESCRIPTION	ACCOUNT	AMOUNT
PARTS		
SALES TAX		
PLEASE PAY THIS TOTAL		CONTINUE

Brandt Tractor Ltd.
7301 102nd St.
Clairmont, AB
T8X 5A7
(780)532-3414

Parts Invoice



JOHN DEERE

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D. RAY CONSTRUCTION LTD
P.O. BOX 25

BEAVERLODGE AB TOH 0C0 C

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ACCOUNT NO.

73542522

SHIP TO

D. RAY CONSTRUCTION LTD
TAYLOR 780-933-0729
PO: A080988-H10

PO: A080988-H10

[illegible]

QST # 1226957240

PICKUP

KHIP VIA

**TERMS: NET 30 DAYS FROM
DATE OF INVOICE**

NO GOODS CAN BE RETURNED WITHOUT OUR PERMISSION. GOODS RETURNED BY PERMISSION WHICH WERE FURNISHED CORRECTLY ACCORDING TO ORDER ARE SUBJECT TO A HANDLING CHARGE. NO CLAIMS ON THIS INVOICE WILL BE CONSIDERED AFTER 30 DAYS OF RECEIPT OF GOODS.

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUM).
MINIMUM CHARGE OF \$1.50

**TITLES TO ALL ITEMS
REMAIN WITH BRANDT
TRACTOR LTD. UNTIL PUR-
CHASE PRICE, INTEREST
AND OTHER CHARGES
ARE FULLY PAID.**

DESCRIPTION	ACCOUNT	AMOUNT
PARTS TAXABLE		
PARTS NONTAXABLE		13318.34
MISC TAXABLE		
MISC NONTAXABLE		
SALES TAX		
PLEASE PAY THIS TOTAL ▶		13984.27

SIGNATURE

DATE _____

CUSTOMER COPY



Brandt Tractor Ltd.
7301 102nd St.
Clairmont, AB
T8X 5A7
(780)532-3414

Service Invoice



SOLD TO:

D. RAY CONSTRUCTION LTD.
P.O. BOX 25

BEAVER LODGE, AB T0H 0C0

PAGE
1
SALE TYPE
CHARGE
CUSTOMER NO.
73542522

INVOICE DATE	BRANCH	INVOICE NO.
31JUL25	07	1700195

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Office@drayltd.ca

PURCHASE ORDER NO.	PHONE NUMBER	WORK ORDER NO.	SEG.	DATE OPENED	SALESPRN
	780-354-2522	1700195	01	24JUL25	
MAKE	MODEL	SERIAL NO.	EQUIP. NO.	METER	AUTHORIZED BY
JD	450DLC	1FF450DXHA0914041	H10	11278	GEOFF/SHANE

DESCRIPTION	AMOUNT
PAD SWAP COMPLAINT: PADS CRACKED AND RAILS WORN OUT CAUSE: RAILS WORN OUT, NEEDS PAD SWAP CORRECTION: PULLED FIRST RAIL UP TO DOOR AIR HAMMERED ALL THE MUD OFF PULLED ONTO TRACK BENCH TOOK OLD HARDWARE OUT AND BUFFED PADS PUT A FEW NEW PADS ON AND PULLED OLD RAIL OUT ROLLED NEW RAIL OUT AND BUFFED IT PULLED NEW RAIL ONTO BENCH AND LAID NEW HARDWARE OUT, FASTENED NEW HARDWEAR DOWN AND TORQUED IT TO SPEC PULL OFF BENCH AND FOLDED AND PUT AWAY PULLED SECOND RAIL ONTO BENCH AND CLEANED MUD OFF PADS TOOK OLD HARDWEAR OUT AND BUFFED PADS LAID NEW HARDWEAR OUT, ROLLERDR NEW RAIL OUT AND BUFFED IT PULLED OLD RAIL OUT AND DRUG NEW ONE ONTO BENCH FASTENED NEW HARDWEAR DOWN AND TORQUED IT TO SPEC DRUG OFF BENCH AND FOLDED AND PUT AWAY	

POSTED

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUM). MINIMUM CHARGE OF \$1.50.

I hereby authorize the above repair work to be done along with the use of necessary materials. You and your employees may operate above machine for purposes of testing, inspection, or delivery at my risk. I agree to pay cash on delivery of machine or on terms satisfactory with you and until paid in full an express mechanics lien is acknowledged on above machine to secure the amount for repairs thereto. It is understood that this company assumes no responsibility for loss or damage by theft or fire to machine placed with them for storage, sales, repair or while field testing.

X

SIGNATURE

DATE

QST # 1226957240

DESCRIPTION	AMOUNT
TOTAL PARTS	Rental
TOTAL LABOR	Km
MISC. CHARGES	H-10
SALES TAX	T.J
PLEASE PAY THIS TOTAL	***CONTINUED**

Brandt

Brandt Tractor Ltd.
7301 102nd St.
Clairmont, AB
T8X 5A7
(780)532-3414

Service Invoice



SOLD TO:

D. RAY CONSTRUCTION LTD.
P.O. BOX 25

BEAVERLODGE, AB T0H 0C0

INVOICE DATE	BRANCH	INVOICE NO.
31JUL25	07	1700195

PAGE
2
SALE TYPE
CHARGE
CUSTOMER NO.
73542522

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Office@drayltd.ca

PURCHASE ORDER NO.	PHONE NUMBER	WORK ORDER NO.	SEG.	DATE OPENED	SALESPRN
	780-354-2522	1700195	01	24JUL25	
MAKE	MODEL	SERIAL NO.	EQUIP. NO.	METER	AUTHORIZED BY
JD	450DLC	1FF450DXHA0914041	H10	11278	GEOFF/SHANE

DESCRIPTION					AMOUNT
WITH SPARE HARDWARE AND PINS					
2	SI873/53	TLA S&G		6,341.29	12,682.58
424	4328034ITR	BOLT, TR		3.62	1,534.88
424	178-32-11220	NUT, TRA		1.66	703.84
	* LABOR *				2,395.00
	SERVICE ACCESSORIES			215.55	215.55
	ENVIRONMENTAL FEE			23.95	23.95
>>--> SEG# 01 PRT 14,921.30 LAB 2,395.00 MSC 239.50 TOTAL					17,555.80
* GST/HST *					877.79
* TOTAL GST/HST * - GST No. 899544779					877.79

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUM). MINIMUM CHARGE OF \$1.50.

I hereby authorize the above repair work to be done along with the use of necessary materials. You and your employees may operate above machine for purposes of testing, inspection, or delivery at my risk. I agree to pay cash on delivery of machine or on terms satisfactory with you and until paid in full an express mechanics lien is acknowledged on above machine to secure the amount for repairs thereto. It is understood that this company assumes no responsibility for loss or damage by theft or fire to machine placed with them for storage, sales, repair or while field testing.

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SIGNATURE

DATE

QST # 1226957240

DESCRIPTION	AMOUNT
TOTAL PARTS	14,921.30
TOTAL LABOR	2,395.00
MISC. CHARGES	239.50
SALES TAX	0.00

PLEASE PAY THIS TOTAL 18,433.59

Brandt

Brandt Tractor Ltd.
7301 102nd St.
Clairmont, AB
T8X 5A7
(780)532-3414

Parts
Invoice



JOHN DEERE

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D. RAY CONSTRUCTION LTD
P.O. BOX 25

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ACCOUNT NO. 73542522		

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D. RAY CONSTRUCTION LTD

SALESMAN 740	ORDER NO. A080988	RO. NO. 01285509	PHONE 780-354-2522	INVOICE DATE 29APR24	TIME 08:41	INVOICE NO. 07 4787788			
QUANTITIES		PART NUMBER		DESCRIPTION	BIN	PRICES		OFFICE USE	
ORDERED	SHIPPED	PROD	✓			LIST	NET	EXTENSIONS	
	1			MAKE: JD N 1005600 BES QUICK COUPLER FOR 400 SERIES EXC. S/N# 167457 PO# A080988 Tax ID:		7434.10	6560.00	HRS: 6560.00	PC
				GST No. 899544779					
				* TOTAL GST/HST *					
				INVOICE CONTAINS 874.10		DISCOUNT		328.00	
SHIP VIA				DESCRIPTION		ACCOUNT		AMOUNT	
				PARTS TAXABLE					
				PARTS NONTAXBLE				6560.00	
				MISC TAXABLE					
				MISC NONTAXABLE					
				SALES TAX					
				PLEASE PAY THIS TOTAL				6888.00	

TERMS: NET 30 DAYS FROM DATE OF INVOICE

NO GOODS CAN BE RETURNED WITHOUT OUR PERMISSION. GOODS RETURNED BY PERMISSION WHICH WERE FURNISHED CORRECTLY ACCORDING TO ORDER ARE SUBJECT TO A HANDLING CHARGE. NO CLAIMS ON THIS INVOICE WILL BE CONSIDERED AFTER 30 DAYS OF RECEIPT OF GOODS.

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUM). MINIMUM CHARGE OF \$1.50

TITLES TO ALL ITEMS REMAIN WITH BRANDT TRACTOR LTD. UNTIL PURCHASE PRICE, INTEREST AND OTHER CHARGES ARE FULLY PAID.

SIGNATURE _____ DATE _____

POSTED

Rank
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PACKING SLIP



Brandt Tractor Ltd.
7301 102nd St.
Clairmont, AB
T8X 5A7
(780)532-3414

Parts
Invoice



JOHN DEERE

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D. RAY CONSTRUCTION LTD
P.O. BOX 25

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ACCOUNT NO. 73542522		

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D. RAY CONSTRUCTION LTD

SALESMAN 743	ORDER NO. CREDIT	RO. NO. 01288025	PHONE 780-354-2522	INVOICE DATE 29MAY24	TIME 15:15	INVOICE NO. 07 4789538			
QUANTITIES		PART NUMBER		DESCRIPTION	BIN	PRICES		OFFICE USE	
ORDERED	SHIPPED	B/O	✓			LIST	NET	EXTENSIONS	
				MAKE: JD	MODEL:	SERNO:		HRS:	
4				N 4134372R	SHIM SHI	E09044	19.78	17.91	71.64 PC
4				N 4134370R	SHIM	H09055	49.60	44.90	179.60 PC
6				N 4134371R	SHIM SHI	E19103	21.38	19.35	116.10 PC
6				N 200092-022GX	SHIM,	D07033	12.16	9.25	55.50 PC
2				N AT201578	RING RIN	20V2B	102.72	78.23	156.46 PC
2				N 4276312R	BOLT BOL	14V6E	100.43	76.49	152.98 PC
8				N J75481	FITTING	H01029	2.45	2.21	17.68 PC
4				N 4105912	CAP		15.85	14.28	57.12 PC
4				N 4130686	BUSHING	S04054	16.72	15.06	60.24 PC
				ORG INV4787786					
				ORG PO#A080988					
				Tax ID:					
				* HOURS: MON-THUR 7AM-10:30PM FRI 7AM-6PM SAT 8AM-4PM *					
				***** 24 HOUR ON CALL PARTS & SERVICE *****					
				***** ALL OPENED ELECTRICAL IS NON RETURNABLE *****					
				* RESTOCKING FEE'S: 25% TO A MAX OF \$5000 PER LINE *					
				** AS OF DECEMBER 1ST, 2023 ON ALL SPECIAL ORDERS **					
				** ALL FABRICATED HYDRAULIC HOSE SALES ARE FINAL **					

				** CREDIT MEMO - DO NOT PAY **					

QST # 1226957240

TERMS: NET 30 DAYS FROM
DATE OF INVOICE

NO GOODS CAN BE RETURNED WITHOUT OUR PERMISSION. GOODS
RETURNED BY PERMISSION WHICH WERE FURNISHED CORRECTLY
ACCORDING TO ORDER ARE SUBJECT TO A HANDLING CHARGE. NO
CLAIMS ON THIS INVOICE WILL BE CONSIDERED AFTER 30 DAYS OF
RECEIPT OF GOODS.

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUM).
MINIMUM CHARGE OF \$1.50

SIGNATURE

DATE

SHIP VIA	DESCRIPTION	ACCOUNT	AMOUNT
	PARTS		
	SALES TAX		
PLEASE PAY THIS TOTAL		CONTINUE	

CUSTOMER COPY

HWY 43 Used Equipment Ltd.

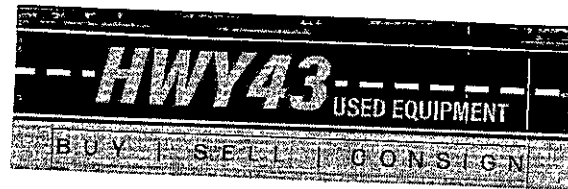
204, 10055 - 120 Avenue

Grande Prairie AB T8V 6H8

sales@hwy43usedequipment.com

GST/HST Registration No.: 783555204RT0001

(Banking entered)



INVOICE

BILL TO

D. Ray Construction Ltd.

714070 Range Rd. 103

Beaverlodge Alberta T0H 0C0

INVOICE

1052

DATE

05/02/2024

TERMS

Due on receipt

DUE DATE

05/02/2024

DESCRIPTION

Quote to recondition bores and faces on a John Deere 450D excavator stick

Quote includes all setup, welding, line boring, facing and travel time.

Reconditioning bores and faces (\$3,500.00)

Travel time required for 3 days (\$450.00)

QTY	RATE	AMOUNT
1	3,950.00	3,950.00

SUBTOTAL

3,950.00

GST @ 5%

197.50

TOTAL

4,147.50

BALANCE DUE

\$4,147.50

TAX SUMMARY

RATE
GST @ 5%

TAX
197.50

NET
3,950.00

POSTED

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TS

WCE#: 9693183

E-transfers can be sent to: sales@hwy43usedequipment.com

Page 1 of 1



Brandt Tractor Ltd.
7301 102nd St.
Clairmont, AB
T8X 5A7
(780)532-3414

Parts Invoice



JOHN DEERE

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D. RAY CONSTRUCTION LTD
P.O. BOX 25

BEAVERLODGE AB T0H 0C0 C

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ACCOUNT NO. 73542522		

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D. RAY CONSTRUCTION LTD
ATTN: TAYLOR
780-933-0792

SALESMAN 703	ORDER NO. TH10	RO. NO. 01286254	PHONE 780-354-2522	INVOICE DATE 07MAY24	TIME 09:26	INVOICE NO. 07 4788289			
QUANTITIES		PART NUMBER		DESCRIPTION	BIN	PRICES			OFFICE USE
ORDERED	SHIPPED	B/O	✓			LIST	NET	EXTENSIONS	
	1			MAKE: MODEL: SERNO: N 3026075 BUSHING CY		338.43	338.43	HRS: 338.43	0 PC
				BACK 4 AS					
				Tax ID:					
				* HOURS: MON-THUR 7AM-10:30PM FRI 7AM-6PM SAT 8AM-4PM *					
				***** 24 HOUR ON CALL PARTS & SERVICE *****					
				***** ALL OPENED ELECTRICAL IS NON RETURNABLE *****					
				* RESTOCKING FEE'S: 25% TO A MAX OF \$5000 PER LINE *					
				** AS OF DECEMBER 1ST, 2023 ON ALL SPECIAL ORDERS **					
				** ALL FABRICATED HYDRAULIC HOSE SALES ARE FINAL ***					

				POSTED					
				GST No. 899544779					
				* TOTAL GST/HST *				16.92	
SHIP VIA PICKUP		DESCRIPTION		ACCOUNT	AMOUNT				
		PARTS TAXABLE			338.43				
		PARTS NONTAXABLE							
		MISC TAXABLE							
		MISC NONTAXABLE							
		SALES TAX							
PLEASE PAY THIS TOTAL				355.35					

TERMS: NET 30 DAYS FROM
DATE OF INVOICE

NO GOODS CAN BE RETURNED WITHOUT OUR PERMISSION. GOODS
RETURNED BY PERMISSION WHICH WERE FURNISHED CORRECTLY
ACCORDING TO ORDER ARE SUBJECT TO A HANDLING CHARGE. NO
CLAIMS ON THIS INVOICE WILL BE CONSIDERED AFTER 30 DAYS OF
RECEIPT OF GOODS.

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUM).
MINIMUM CHARGE OF \$1.50

SIGNATURE _____

DATE _____

PACKING SLIP



Brandt Tractor Ltd.
7301 102nd St.
Clairmont, AB
T8X 5A7
(780)532-3414

Service Invoice

**SOLD TO:**

D. RAY CONSTRUCTION LTD.
P.O. BOX 25

BEAVERLODGE, AB T0H 0C0

INVOICE DATE	BRANCH	INVOICE NO.
13MAY24	07	1793918

PAGE
1
SALE TYPE
CHARGE
CUSTOMER NO.
73542522

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** PRELIMINARY **

PURCHASE ORDER NO.	PHONE NUMBER	WORK ORDER NO.	SEG.	DATE OPENED	SALESPRN
...	780-354-2522	1793918	01	08MAY24	
MAKE	MODEL	SERIAL NO.	EQUIP. NO.	METER	AUTHORIZED BY
JD	450DLC	1FF450DXHA0914041	H10		TAYLOR/RODNEY

DESCRIPTION						AMOUNT
INSTALL FRONT SEAL						
-FRONT COVER WAS NOT INSTALLED ON MACHINE, INSTALL						
-ALL THE BOLTS WERE IN PILES SO HAD TO FIND ALL THE BOLTS						
NEEDED FOR THE FRONT COVER						
-INSTALLED THE FRONT SEAL ON MACHINE						
1	8976173080	SEAL	CY			120.34
	* LABOR *					1,147.50
	SERVICE ACCESSORIES					103.28
	CARBON TAX SURCHARGE					22.95
>>-->	SEG# 01	PRT	120.34	LAB 1,147.50	MSC 126.23	TOTAL 1,394.07
			* GST/HST *			69.70
TRAVEL						
DRIVE TO SHOP AND BACK						
	* LABOR *					607.50
	CARBON TAX SURCHARGE					12.15
>>-->	SEG# 02	PRT	.00	LAB 607.50	MSC 12.15	TOTAL 619.65
			* GST/HST *			30.98
* TOTAL GST/HST * - GST No. 899544779						100.68

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUUM). MINIMUM CHARGE OF \$1.50.

QST # 1226957240

I hereby authorize the above repair work to be done along with the use of necessary materials. You and your employees may operate above machine for purposes of testing, inspection, or delivery at my risk. I agree to pay cash on delivery of machine or on terms satisfactory with you and until paid in full an express mechanics lien is acknowledged on above machine to secure the amount for repairs thereto. It is understood that this company assumes no responsibility for loss or damage by theft or fire to machine placed with them for storage, sales, repair or while field testing.

X

SIGNATURE

DATE

DESCRIPTION	AMOUNT
TOTAL PARTS	120.34
TOTAL LABOR	1,755.00
MISC. CHARGES	138.38
SALES TAX	0.00
PLEASE PAY THIS TOTAL	2,114.40



Brandt Tractor Ltd.
7301 102nd St.
Clairmont, AB
T8X 5A7
(780)532-3414

Service Invoice



JOHN DEERE

SOLD TO:

D. RAY CONSTRUCTION LTD.
P.O. BOX 25

BEAVERLODGE, AB T0H 0C0

INVOICE DATE	BRANCH	INVOICE NO.
13MAY24	07	1793918

PAGE
1
SALE TYPE
CHARGE
CUSTOMER NO.
73542522

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** PRELIMINARY **

PURCHASE ORDER NO.	PHONE NUMBER	WORK ORDER NO.	SEG.	DATE OPENED	SALESPRN
...	780-354-2522	1793918	01	08MAY24	
MAKE	MODEL	SERIAL NO.	EQUIP. NO.	METER	AUTHORIZED BY
JD	450DLC	1FF450DXHA0914041	H10		TAYLOR/RODNEY

DESCRIPTION						AMOUNT
INSTALL FRONT SEAL						
-FRONT COVER WAS NOT INSTALLED ON MACHINE, INSTALL						
-ALL THE BOLTS WERE IN PILES SO HAD TO FIND ALL THE BOLTS NEEDED FOR THE FRONT COVER						
-INSTALLED THE FRONT SEAL ON MACHINE						
1	8976173080	SEAL	CY			120.34
	* LABOR *					1,147.50
	SERVICE ACCESSORIES					103.28
	CARBON TAX SURCHARGE					22.95
>>-->	SEG# 01	PRT	120.34	LAB 1,147.50	MSC 126.23	TOTAL 1,394.07
			* GST/HST *			69.70
TRAVEL						
DRIVE TO SHOP AND BACK						
	* LABOR *					607.50
	CARBON TAX SURCHARGE					12.15
>>-->	SEG# 02	PRT	.00	LAB 607.50	MSC 12.15	TOTAL 619.65
			* GST/HST *			30.98
* TOTAL GST/HST * - GST No. 899544779						100.68

Rank
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H78

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUUM), MINIMUM CHARGE OF \$1.50.

QST # 1226957210

I hereby authorize the above repair work to be done along with the use of necessary materials. You and your employees may operate above machine for purposes of testing, inspection, or delivery at my risk. I agree to pay cash on delivery of machine or on terms satisfactory with you and until paid in full an express mechanics lien is acknowledged on above machine to secure the amount for repairs thereto. It is understood that this company assumes no responsibility for loss or damage by theft or fire to machine placed with them for storage, sales, repair or while field testing.

X

SIGNATURE

DATE

DESCRIPTION	AMOUNT
TOTAL PARTS	120.34
TOTAL LABOR	1,755.00
MISC. CHARGES	138.38
SALES TAX	0.00
PLEASE PAY THIS TOTAL	2,114.40



Brandt Tractor Ltd.
7301 102nd St.
Clairmont, AB
T8X 5A7
(780)532-3414

Parts Invoice



JOHN DEERE

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D. RAY CONSTRUCTION LTD
P.O. BOX 25

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ACCOUNT NO.		
73542522		

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D. RAY CONSTRUCTION LTD
ATTN: CAM
306-961-8238

SALESMAN	ORDER NO.	RO. NO.	PHONE	INVOICE DATE	TIME	INVOICE NO.
705	H10	01326215	780-354-2522	01AUG25	10:25	07 4713341

QUANTITIES				PART NUMBER	DESCRIPTION	BIN	PRICES			OFFICE USE
ORDERED	SHIPPED	B/O	✓				LIST	NET	EXTENSIONS	
1				MAKE: JD 2051606 BACK LARGE JK Tax ID: * HOURS: MON-THUR 7AM-10:30PM FRI 7AM-6PM SAT 8AM-4PM * ***** 24 HOUR ON CALL PARTS & SERVICE ***** ***** ALL OPENED ELECTRICAL IS NON RETURNABLE ***** * RESTOCKING FEE'S: 25% TO A MAX OF \$5000 PER LINE * ** AS OF DECEMBER 1ST, 2023 ON ALL SPECIAL ORDERS ** ** ALL FABRICATED HYDRAULIC HOSE SALES ARE FINAL *** *****			1FF450DXHA0914041	1	HRS: 3246.56 3246.56 3246.56	PC
				GST No. 899544779						
				* TOTAL GST/HST *					162.33	

QST # 1226957240

PICKUP

SHIP VIA

TERMS: NET 30 DAYS FROM
DATE OF INVOICE

NO GOODS CAN BE RETURNED WITHOUT OUR PERMISSION. GOODS
RETURNED BY PERMISSION WHICH WERE FURNISHED CORRECTLY
ACCORDING TO ORDER ARE SUBJECT TO A HANDLING CHARGE. NO
CLAIMS ON THIS INVOICE WILL BE CONSIDERED AFTER 30 DAYS OF
RECEIPT OF GOODS.

TITLES TO ALL ITEMS
REMAIN WITH BRANDT
TRACTOR LTD. UNTIL PUR-
CHASE PRICE, INTEREST
AND OTHER CHARGES
ARE FULLY PAID.

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUM).
MINIMUM CHARGE OF \$1.50

DESCRIPTION	ACCOUNT	AMOUNT
PARTS TAXABLE		
PARTS NONTAXABLE		
MISC TAXABLE		
MISC NONTAXABLE		
SALES TAX		
PLEASE PAY THIS TOTAL		3408.89

POSTED
3246.56

SIGNATURE _____

DATE _____

PACKING SLIP



Brandt Tractor Ltd.
7301 102nd St.
Clairmont, AB
T8X 5A7
(780)532-3414

Parts Invoice



JOHN DEERE

S
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D. RAY CONSTRUCTION LTD
P.O. BOX 25

BEAVERLODGE AB T0H 0C0

PAGE 1		
CASH	CHG.	OTHER
	X	
ACCOUNT NO. 73542522		

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D. RAY CONSTRUCTION LTD
ATTN: CAM
306-961-8238

SALESMAN	ORDER NO.	RO. NO.	PHONE	INVOICE DATE	TIME	INVOICE NO.
705	H10	01325819	780-354-2522	29JUL25	09:05	07 4712975

QUANTITIES				PART NUMBER	DESCRIPTION	BIN	PRICES			OFFICE USE
ORDERED	SHIPPED	B/O	✓				LIST	NET	EXTENSIONS	
16				MAKE: 4375092 *BACK 9 CT* Tax ID: * HOURS: MON-THUR 7AM-10:30PM FRI 7AM-6PM SAT 8AM-4PM * ***** 24 HOUR ON CALL PARTS & SERVICE ***** ***** ALL OPENED ELECTRICAL IS NON RETURNABLE ***** * RESTOCKING FEE'S: 25% TO A MAX OF \$5000 PER LINE * ** AS OF DECEMBER 1ST, 2023 ON ALL SPECIAL ORDERS ** ** ALL FABRICATED HYDRAULIC HOSE SALES ARE FINAL ** *****	MODEL: SPACER CY	SERNO:	94.43	94.43	HRS: 1510.88	0 PC
				GST No. 899544779						
				TOTAL GST/HST				75.54		

POSTED
11-10
TS

TERMS: NET 30 DAYS FROM
DATE OF INVOICE

NO GOODS CAN BE RETURNED WITHOUT OUR PERMISSION. GOODS
RETURNED BY PERMISSION WHICH WERE FURNISHED CORRECTLY
ACCORDING TO ORDER ARE SUBJECT TO A HANDLING CHARGE. NO
CLAIMS ON THIS INVOICE WILL BE CONSIDERED AFTER 30 DAYS OF
RECEIPT OF GOODS.

PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUM).
MINIMUM CHARGE OF \$1.50

SIGNATURE

DATE

SHIP VIA

PICKUP

TITLES TO ALL ITEMS
REMAIN WITH BRANDT
TRACTOR LTD. UNTIL PUR-
CHASE PRICE, INTEREST
AND OTHER CHARGES
ARE FULLY PAID.

DESCRIPTION	ACCOUNT	AMOUNT
PARTS TAXABLE		
PARTS NONTAXABLE		1510.88
MISC TAXABLE		
MISC NONTAXABLE		
SALES TAX		
PLEASE PAY THIS TOTAL		1586.42



Brandt Tractor Ltd.
7301 102nd St.
Clairmont, AB
T8X 5A7
(780)532-3414

Parts
Invoice



JOHN DEERE

S
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D. RAY CONSTRUCTION LTD
P.O. BOX 25

BEAVERLODGE AB T0H 0C0

C

PAGE 1		
CASH	CHQ.	OTHER
	X	
ACCOUNT NO. 73542522		

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D. RAY CONSTRUCTION LTD
Office@drayltd.ca

SALESMAN 740	ORDER NO. CREDIT	RO. NO. 01327627	PHONE 780-354-2522	INVOICE DATE 18AUG25	TIME 13:37	INVOICE NO. 07 4714203			
QUANTITIES		PART NUMBER		DESCRIPTION	BIN	PRICES		OFFICE USE	
ORDERED	SHIPPED	B/O	✓			LIST	NET	EXTENSIONS	
	4-			MAKE: JD MODEL: SERNO: FF560005 GUIDE REF INV# 4712849 Tax ID: * HOURS: MON-THUR 7AM-10:30PM FRI 7AM-6PM SAT 8AM-4PM * ***** 24 HOUR ON CALL PARTS & SERVICE ***** ***** ALL OPENED ELECTRICAL IS NON RETURNABLE ***** * RESTOCKING FEE'S: 25% TO A MAX OF \$5000 PER LINE * ** AS OF DECEMBER 1ST, 2023 ON ALL SPECIAL ORDERS ** ** ALL FABRICATED HYDRAULIC HOSE SALES ARE FINAL ** ***** ** CREDIT MEMO - DO NOT PAY ** GST No. 899544779 * TOTAL GST/HST *		1985.80	1985.80	HRS: 7943.20	PC
						POSTED	397.16		
TERMS: NET 30 DAYS FROM DATE OF INVOICE NO GOODS CAN BE RETURNED WITHOUT OUR PERMISSION. GOODS RETURNED BY PERMISSION WHICH WERE FURNISHED CORRECTLY ACCORDING TO ORDER ARE SUBJECT TO A HANDLING CHARGE. NO CLAIMS ON THIS INVOICE WILL BE CONSIDERED AFTER 30 DAYS OF RECEIPT OF GOODS. PAST DUE INTEREST 1 1/2% PER MONTH (18% ANNUM). MINIMUM CHARGE OF \$1.50				SHIP VIA		DESCRIPTION		ACCOUNT	AMOUNT
SIGNATURE _____				DATE _____		PARTS TAXABLE PARTS NONTAXBLE MISC TAXABLE MISC NONTAXBLE SALES TAX			7943.20
				TITLES TO ALL ITEMS REMAIN WITH BRANDT TRACTOR LTD. UNTIL PURCHASE PRICE, INTEREST AND OTHER CHARGES ARE FULLY PAID.		PLEASE PAY THIS TOTAL		8340.36	

BRANCH COPY



ORIGINAL

10112-140 Ave Grande Prairie, Alberta T8V 7C5

DATE (M-D-YYYY): 8/13/2025

SOLD TO:

INVOICE #: 28623

D. RAY CONSTRUCTION

714070 RR 103

GST #: 878170596

BOX 25

BEAVER LODGE AB T0H 0C0

Page 1 of 1

SHIP TO:

CHARGE SALE

MAKE: JOHN

PO #

MODEL: 450D

UNIT #

S/N:

ENG. ARR. #

ORDERED BY: TAYOR

ENG. S/N:

Part Number	Description	Weight	Location	Ordered	Shipped	Price	Total
2051606	YOKE	119.00		1	1	1,920.00	1,920.00
9244702	ADJUSTER	539.00		1	1	4,725.00	4,725.00

POSTED

TERMS: CHG

SHIP VIA: CALL

WAYBILL:

SALESPERSON: BRIAN MILLAR

SHIP INST:

SHIP DATE:

NOTE:

TERMS: NET 15TH OF MONTH FOLLOWING INVOICE DATE
INTEREST WILL BE CHARGED ON ALL OVERDUE ACCOUNTS.
SIGNATURE ON INVOICE INDEMNIFIES PARTY BILLED-TO.

SUB-TOTAL \$6,645.00
GST 5% \$332.25
ENVIRO \$0.00
ENVIRO \$0.00
TOTAL \$6,977.25

SIGNATURE: _____

Printed
H-10
13

FINNING**CAT**

FINNING CANADA LTD. - Fluid Analysis Laboratory 10910-170th St. Edmonton, AB T5S 1H6

Web: www.finning.com Email: oilsupport@finning.com

ENGINE

N030-55164-0107

SAMPLE SHIP TIME (days) : 9

D RAY CONSTRUCTION**LTD**

RECEIVED DATE: 13-Jun-25

EQUIP NUM: H10**DEERE 450D_DEERE** **No Action Required****SERIAL NUMBER: HA0914041****Interp By: Gregory Scitbner****Interpreted On: 17-Jun-25**

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	04-Jun-25	31-Jul-24	29-Jun-24	27-Jul-23
Sample Id	N030-55164-0107	N030-54235-0493	N030-54211-0671	N030-53262-0814
Lab Date	13-Jun-25	22-Aug-24	29-Jul-24	19-Sep-23
Meter [Hr]	13330	12550	12300	11073
Comp Meter [Hr]	13330	12550	12300	11073
Meter On Fluid	250	250	250	250
Fluid Brand	MOBIL	CHEVRON	MOBIL	MOBIL
Fluid Weight	15W-40	15W-40	15W-40	15W-40
Fluid Type				
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

	04-Jun-25	31-Jul-24	29-Jun-24	27-Jul-23
VISCOSITY (Centistokes)				
V100 Viscosity at 100 C	13.30	13.50	14.50	13.90

VISCOSITY (Centistokes)				
V40 Viscosity at 40 C	98.10	97.70	97.80	102.6

VISCOSITY INDEX				
VI Viscosity Index	134	138	153	137

INFRARED (UEM)				
ST Soot	1	0	0	0
OXI Oxidation	10	19	11	13
SUL Sulfate By-Product	17	22	17	20
SUL Sulfur Products	17	22	17	20
NIT Nitration	6	6	6	8

ANTIFREEZE				
A Antifreeze	N	N	N	N

FUEL				
F Fuel	N	N	N	N

WATER				
W Water	N	N	N	N

WEAR LEVELS / ADDITIVES

	04-Jun-25	31-Jul-24	29-Jun-24	27-Jul-23
ELEMENTAL ANALYSIS (ppm)				
Na Sodium	2	2	2	2
K Potassium	1	1	3	2
Si Silicon	3	4	5	4
Al Aluminum	0	0	1	1
Fe Iron	4	5	5	6
Cr Chromium	0	0	0	0
Pb Lead	0	0	0	0
Cu Copper	0	0	0	0
Sn Tin	0	0	0	0
Ni Nickel	0	0	0	0
Ag Silver	0	0	0	0
Ti Titanium	0	0	0	0
V Vanadium	0	0	0	0
Zn Zinc	1041	935	940	878
Ca Calcium	2247	1793	1797	1510
Mg Magnesium	54	482	422	770
Ba Barium	0	0	0	0
B Boron	6	52	49	86
Mo Molybdenum	4	32	0	1
P Phosphorus	866	750	758	739

Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or component thereof.

ENGINE

SERIAL NUMBER: HA0014041

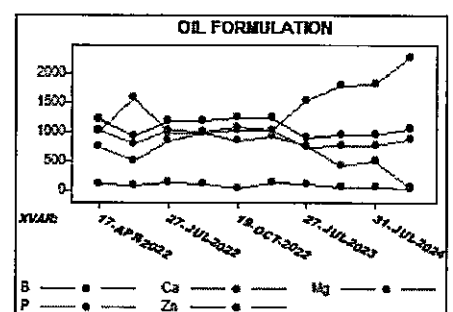
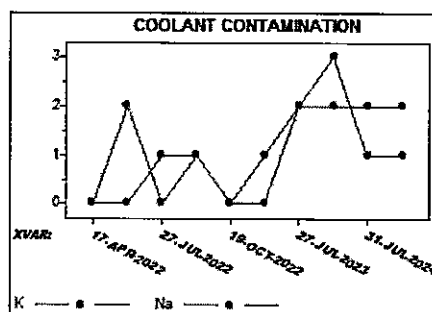
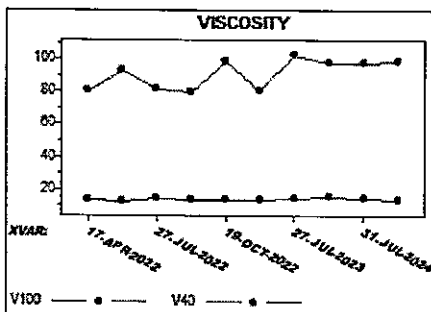
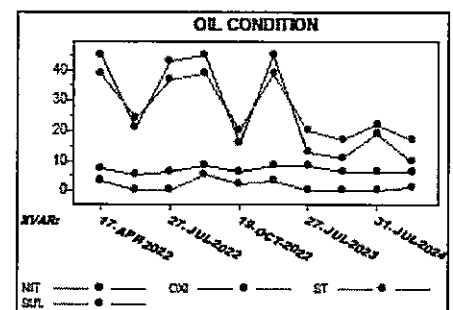
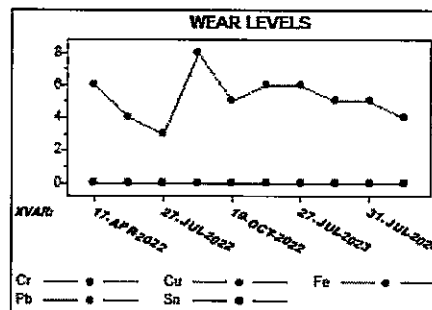
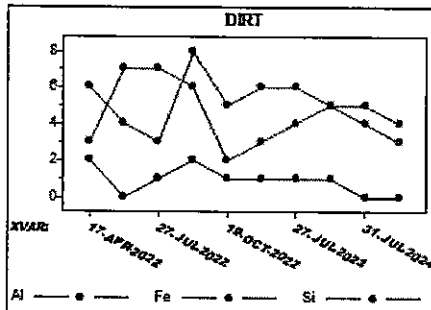
EQUIP NUM: H10

DEERE 450D DEERE

N030-85154-0107



No Action Required



Report Comment

VisionLink® will be the new home for S-O-SSM Services fluid analysis. Begin the transition to VisionLink now - Sign up or log into vl.cat.com to update your settings, manage your fleet, configure your jobsites (groups), and view your samples. The ability for users to submit samples, track samples, view and graph sample history, and download reports are coming to VisionLink soon. Have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.

ENGINE
EQUIP NUM: H10
SERIAL NUMBER: HA0914041
N030-54235-0493

SAMPLE SHIP TIME (days) : 22

**D RAY CONSTRUCTION
LTD**

RECEIVED DATE: 22-Aug-24

DEERE 450D_DEERE

No Action Required

Interp By: Salvatore Borelli

Interpreted On: 28-Aug-24

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	31-Jul-24	29-Jun-24	27-Jul-23	01-Apr-23
Sampled Date	31-Jul-24	29-Jun-24	27-Jul-23	01-Apr-23
Sample Id	N030-54235-0493	N030-54211-0671	N030-53262-0814	N030-53103-0894
Lab Date	22-Aug-24	29-Jul-24	19-Sep-23	13-Apr-23
Meter [Hr]	12550	12300	11073	10783
Comp Meter [Hr]	12550	12300	11073	10783
Meter On Fluid	250	250	250	250
Fluid Brand	CHEVRON	MOBIL	MOBIL	CHEVRON
Fluid Weight	15W-40	15W-40	15W-40	5W-40
Fluid Type				
Fluid Change	Y	Y	Y	Y
Filter Change	Y	U	Y	Y
Make Up Fluid [L]				50
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

	31-Jul-24	29-Jun-24	27-Jul-23	01-Apr-23
VISCOSITY (Centistokes)				
V100 Viscosity at 100 C	13.50	14.50	13.90	13.30

VISCOSITY (Centistokes)				
V40 Viscosity at 40 C	97.70	97.80	102.6	80.50

VISCOSITY INDEX				
VI Viscosity Index	138	153	137	168

INFRARED (UEM)				
ST Soot	0	0	0	3
OXI Oxidation	19	11	13	45
SUL Sulfur Products	22	17	20	39
NIT Nitration	6	6	8	8

ANTIFREEZE				
A Antifreeze	N	N	N	N

FUEL				
F Fuel	N	N	N	N

WATER				
W Water	N	N	N	N

WEAR LEVELS / ADDITIVES

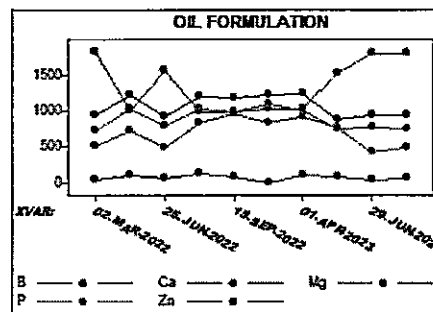
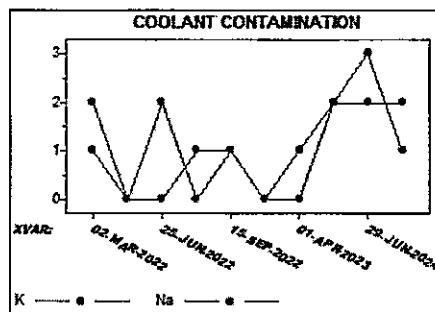
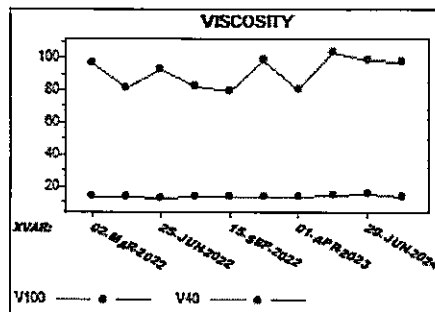
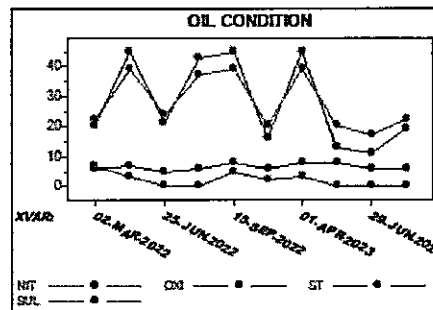
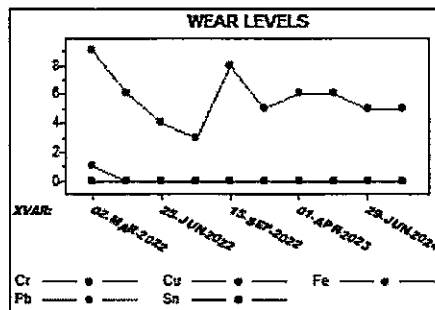
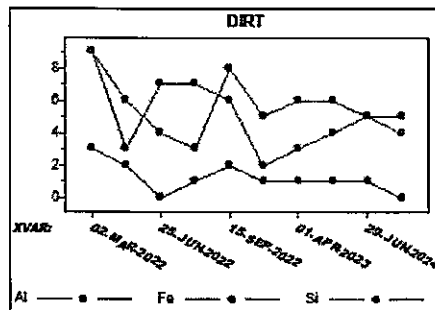
	31-Jul-24	29-Jun-24	27-Jul-23	01-Apr-23
ELEMENTAL ANALYSIS (ppm)				
Na Sodium	2	2	2	0
K Potassium	1	3	2	1
Si Silicon	4	5	4	3
Al Aluminum	0	1	1	1
Fe Iron	5	5	6	6
Cr Chromium	0	0	0	0
Pb Lead	0	0	0	0
Cu Copper	0	0	0	0
Sn Tin	0	0	0	0
Ni Nickel	0	0	0	0
Ag Silver	0	0	0	0
Ti Titanium	0	0	0	0
V Vanadium	0	0	0	0
Zn Zinc	935	940	878	1243
Ca Calcium	1799	1797	1510	1017
Mg Magnesium	482	422	770	916
Ba Barium	0	0	0	0
B Boron	52	49	86	115
Mo Molybdenum	32	0	1	45
P Phosphorus	750	758	739	1011

ENGINE
SERIAL NUMBER: HA0614041
EQUIP NUM: 110
DEERE 450D DEERE

NO30-54235-0483



No Action Required



Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJVUrs>. Access our online platform: <https://soswebmc.ca.com/cat-sos/samples>. Want to sign up for online portal?, Go Paperless? Or have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.

ENGINE

EQUIP NUM: H10

SERIAL NUMBER: HA0914041

N030-54211-0671

SAMPLE SHIP TIME (days) : 30

D RAY CONSTRUCTION LTD

RECEIVED DATE: 29-Jul-24

DEERE 450D DEERE

No Action Required

Interp By: Greg Eyre

Interpreted On: 02-Aug-24

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	29-Jun-24	27-Jul-23	01-Apr-23	19-Oct-22
Sampled Date	29-Jun-24	27-Jul-23	01-Apr-23	19-Oct-22
Sample Id	N030-54211-0671	N030-53262-0814	N030-53103-0894	N030-52300-0729
Lab Date	29-Jul-24	19-Sep-23	13-Apr-23	27-Oct-22
Meter [Hr]	12300	11073	10783	9882
Comp Meter [Hr]	12300	11073	10783	9882
Meter On Fluid	250	250	250	250
Fluid Brand	MOBIL	MOBIL	CHEVRON	MOBIL
Fluid Weight	15W-40	15W-40	5W-40	5W-40
Fluid Type				
Fluid Change	Y	Y	Y	Y
Filter Change	U	Y	Y	Y
Make Up Fluid [L]			50	4
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

	29-Jun-24	27-Jul-23	01-Apr-23	19-Oct-22
VISCOSITY (Centistokes)				
V100 Viscosity at 100 C	14.50	13.90	13.30	12.90

VISCOSITY (Centistokes)				
V40 Viscosity at 40 C	97.80	102.6	80.50	98.10

VISCOSITY INDEX				
VI Viscosity Index	153	137	168	128

INFRARED (UEM)				
ST Soot	0	0	3	2
OXI Oxidation	11	13	45	16
SUL Sulfur Products	17	20	39	20
NIT Nitration	6	8	8	6

ANTIFREEZE				
A Antifreeze	N	N	N	N

FUEL				
F Fuel	N	N	N	N

WATER				
W Water	N	N	N	N

WEAR LEVELS / ADDITIVES

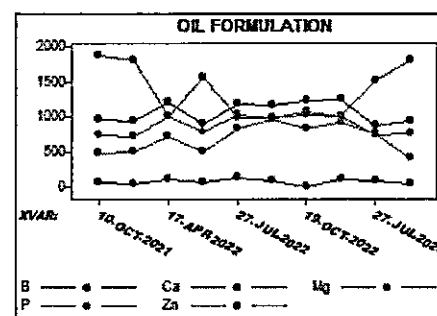
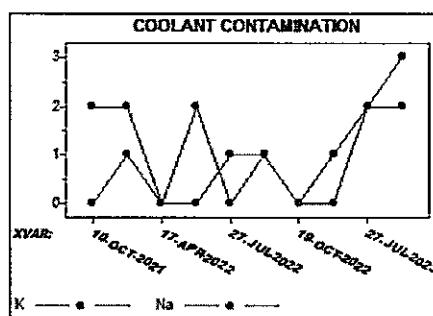
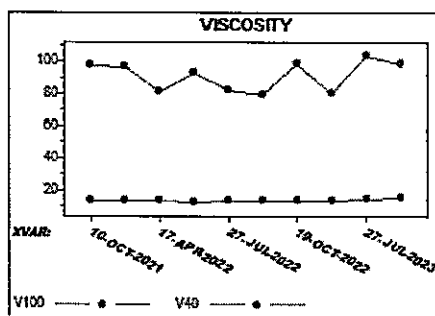
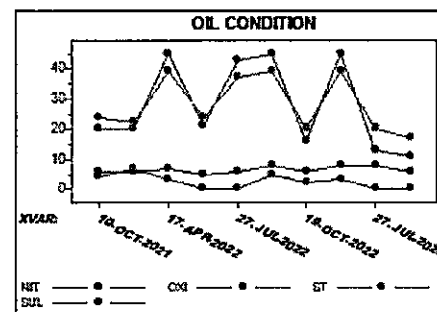
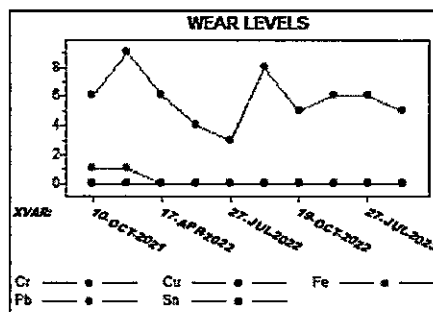
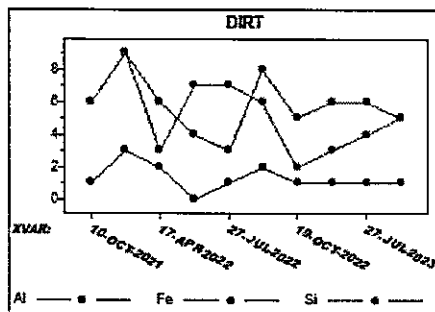
	29-Jun-24	27-Jul-23	01-Apr-23	19-Oct-22
ELEMENTAL ANALYSIS (ppm)				
Na Sodium	2	2	0	0
K Potassium	3	2	1	0
Si Silicon	5	4	3	2
Al Aluminum	1	1	1	1
Fe Iron	5	6	6	5
Cr Chromium	0	0	0	0
Pb Lead	0	0	0	0
Cu Copper	0	0	0	0
Sn Tin	0	0	0	0
Ni Nickel	0	0	0	0
Ag Silver	0	0	0	0
Ti Titanium	0	0	0	0
V Vanadium	0	0	0	0
Zn Zinc	940	878	1243	1225
Ca Calcium	1797	1510	1017	1029
Mg Magnesium	422	770	916	833
Ba Barium	0	0	0	0
B Boron	49	86	115	7
Mo Molybdenum	0	1	45	59
P Phosphorus	758	739	1011	1082

ENGINE
 SERIAL NUMBER: HA0014041
 EQUIP NUM: H10
 DEERE 480D DEERE

NDSD-64211-0671



No Action Required



Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJVUrs>. Access our online platform: <https://soswebmc.cat.com/cat-sos/samples>. Want to sign up for online portal?, Go Paperless? Or have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.

FINNING

FINNING CANADA LTD. Fluid Analysis Laboratory 10910-170th St Edmonton, AB T5S 1H6

Web: www.finning.com Email: oilsupport@finning.com

ENGINE**EQUIP NUM: H10****SERIAL NUMBER: HA0914041****N030-53262-0814**

SAMPLE SHIP TIME (days) : 54

D RAY CONSTRUCTION**LTD**

RECEIVED DATE: 19-Sep-23

DEERE 450D_DEERE**No Action Required****Interp By: Gregory Scribner****Interpreted On: 22-Sep-23**

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	27-Jul-23	01-Apr-23	19-Oct-22	15-Sep-22
Sample Date	27-Jul-23	01-Apr-23	19-Oct-22	15-Sep-22
Sample Id	N030-53262-0814	N030-53103-0894	N030-52300-0729	N030-52271-0958
Lab Date	19-Sep-23	13-Apr-23	27-Oct-22	28-Sep-22
Meter [Hr]	11073	10783	9882	9627
Comp Meter [Hr]	11073	10783	9882	9627
Meter On Fluid	250	250	250	247
Fluid Brand	MOBIL	CHEVRON	MOBIL	MOBIL
Fluid Weight	15W-40	5W-40	5W-40	5W-40
Fluid Type				
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Make Up Fluid [L]		50	4	56
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

	27-Jul-23	01-Apr-23	19-Oct-22	15-Sep-22
VISCOBITY (Centistokes)				
V100 Viscosity at 100 C	13.90	13.30	12.90	12.90

VISCOBITY (Centistokes)				
V40 Viscosity at 40 C	102.6	80.50	98.10	79.50

VISCOBITY INDEX				
VI Viscosity Index	137	168	128	163

INFRARED (UEM)				
ST Soot	0	3	2	5
OXI Oxidation	13	45	16	45
SUL Sulfur Products	20	39	20	39
NIT Nitration	8	8	6	8

ANTIFREEZE				
A Antifreeze	N	N	N	N

FUEL				
F Fuel	N	N	N	N

WATER				
W Water	N	N	N	N

WEAR LEVELS / ADDITIVES

	27-Jul-23	01-Apr-23	19-Oct-22	15-Sep-22
ELEMENTAL ANALYSIS (ppm)				
Na Sodium	2	0	0	1
K Potassium	2	1	0	1
Si Silicon	4	3	2	6
Al Aluminum	1	1	1	2
Fe Iron	6	6	5	8
Cr Chromium	0	0	0	0
Pb Lead	0	0	0	0
Cu Copper	0	0	0	0
Sn Tin	0	0	0	0
Ni Nickel	0	0	0	0
Ag Silver	0	0	0	0
Ti Titanium	0	0	0	0
V Vanadium	0	0	0	0
Zn Zinc	878	1243	1225	1168
Ca Calcium	1510	1017	1029	975
Mg Magnesium	770	916	833	965
Ba Barium	0	0	0	0
B Boron	86	115	7	87
Mo Molybdenum	1	45	59	41
P Phosphorus	739	1011	1082	985

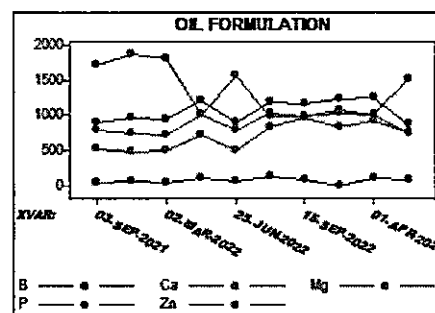
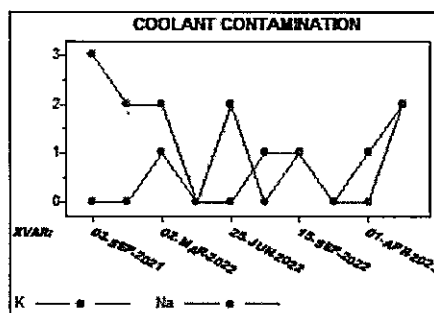
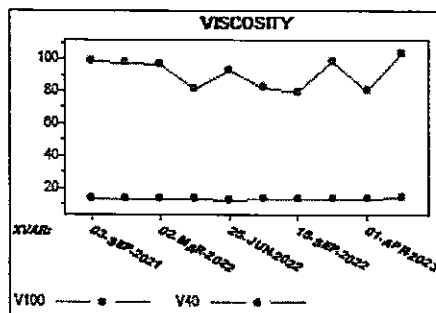
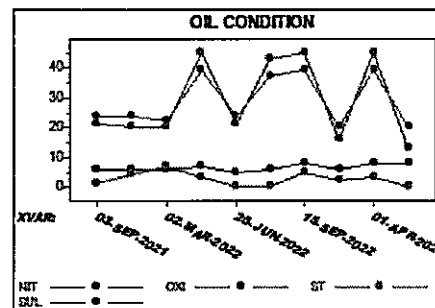
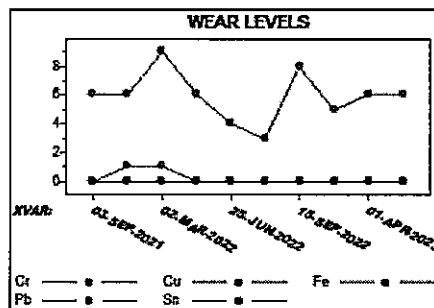
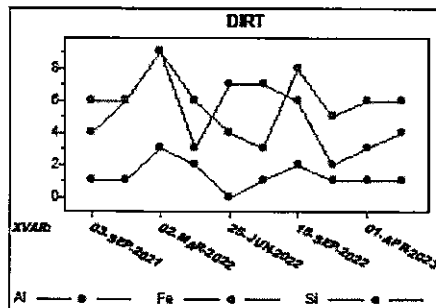
Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or component thereof.

ENGINE
SERIAL NUMBER: HA0014041
EQUIP NUM: H10
DEERE 450D DEERE

NGSD-53202-0614



No Action Required



Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8BREJVUrs>. Access our online platform: <https://soswebmc.cat.com/cat-sos/samples>. Want to sign up for online portal?, Go Paperless? Or have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.

ENGINE
EQUIP NUM: H10
SERIAL NUMBER: HA0914041
N030-53103-0894

SAMPLE SHIP TIME (days) : 12

D RAY CONSTRUCTION LTD

RECEIVED DATE: 13-Apr-23

DEERE 450D DEERE

No Action Required

Interp By: Salvatore Borelli

Interpreted On: 18-Apr-23

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	01-Apr-23	19-Oct-22	15-Sep-22	27-Jul-22
Sampled Date	01-Apr-23	19-Oct-22	15-Sep-22	27-Jul-22
Sample Id	N030-53103-0894	N030-52300-0729	N030-52271-0958	N030-52223-0129
Lab Date	13-Apr-23	27-Oct-22	28-Sep-22	11-Aug-22
Meter [Hr]	10783	9882	9627	9378
Comp Meter [Hr]	10783	9882	9627	9378
Meter On Fluid	250	250	247	100
Fluid Brand	CHEVRON	MOBIL	MOBIL	MOBIL
Fluid Weight	5W-40	5W-40	5W-40	5W-40
Fluid Type				
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Make Up Fluid [L]	50	4	56	
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		01-Apr-23	19-Oct-22	15-Sep-22	27-Jul-22
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	13.30	12.90	12.90	13.50

VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	80.50	98.10	79.30	81.60

VISCOSITY INDEX					
VI	Viscosity Index	168	128	163	169

WEAR LEVELS / ADDITIVES

		01-Apr-23	19-Oct-22	15-Sep-22	27-Jul-22
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	0	0	1	0
K	Potassium	1	0	1	1
Si	Silicon	3	2	6	7
Al	Aluminum	1	1	2	1
Fe	Iron	6	5	8	3
Cr	Chromium	0	0	0	0
Pb	Lead	0	0	0	0
Cu	Copper	0	0	0	0
Sr	Strontium	0	0	0	0
Ni	Nickel	0	0	0	0
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1243	1225	1168	1186
Ca	Calcium	1017	1029	975	976
Mg	Magnesium	916	833	965	824
Ba	Barium	0	0	0	0
B	Boron	115	7	87	120
Mo	Molybdenum	45	59	41	42
P	Phosphorus	1011	1082	985	1020

INFRARED (UEM)					
ST	Soot	3	2	5	0
OXI	Oxidation	45	16	45	43
SUL	Sulfur Products	39	20	39	37
NIT	Nitration	8	6	8	6

ANTIFREEZE					
A	Antifreeze	N	N	N	N

FUEL					
F	Fuel	N	N	N	N

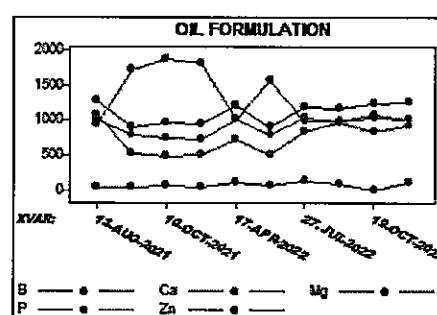
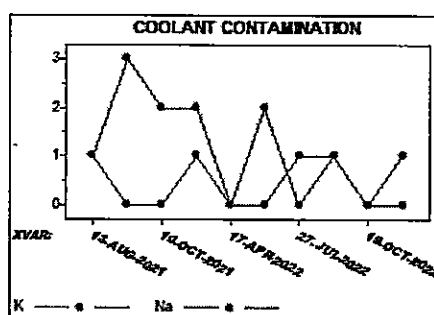
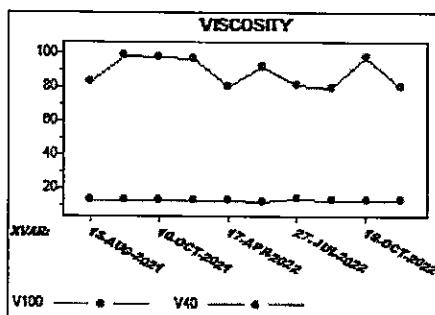
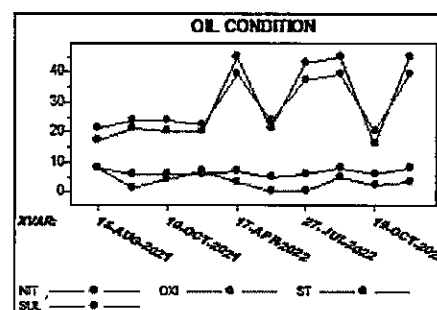
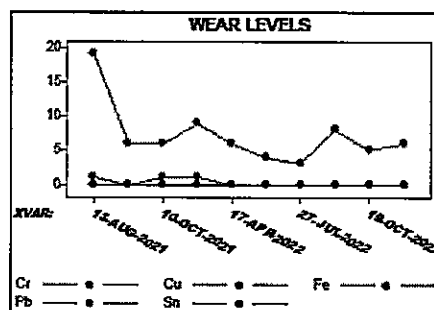
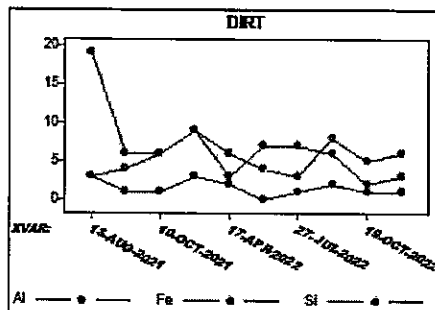
WATER					
W	Water	N	N	N	N

ENGINE
SERIAL NUMBER: HA0914041
EQUIP NUM: H10
DEERE 450D DEERE

NO30-63103-0894



No Action Required



Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJvUrs>. Access our online platform: <https://soswebmc.cat.com/cat-sos/samples>. Want to sign up for online portal?, Go Paperless? Or have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilssupport@finning.com.

ENGINE

EQUIP NUM: H10

SERIAL NUMBER: HA0914041

N030-52300-0729

LABEL#: 201015167

SAMPLE SHIP TIME (days) : 8

D RAY CONSTRUCTION

LTD

RECEIVED DATE: 27-Oct-22

DEERE 450D_DEERE



No Action Required

Interp By: Gregory Scribner

Interpreted On: 31-Oct-22

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	19-Oct-22	15-Sep-22	27-Jul-22	25-Jun-22
Sample Id	N030-52300-0729	N030-52271-0958	N030-52223-0129	N030-52187-0144
Lab Date	27-Oct-22	28-Sep-22	11-Aug-22	06-Jul-22
Meter [Hr]	9882	9627	9378	9328
Comp.Meter.[Hr]	9882	9627	9378	9328
Meter On Fluid	250	247	100	250
Fluid Brand	MOBIL	MOBIL	MOBIL	MOBIL
Fluid Weight	5W-40	5W-40	5W-40	5W-40
Fluid Type				
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Make Up Fluid [L]	4	56		54
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		19-Oct-22	15-Sep-22	27-Jul-22	25-Jun-22
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	12.90	12.90	13.50	12.50

V40	Viscosity at 40 C	98.10	79.30	81.60	92.30
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VI	Viscosity Index	128	163	169	131
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ST	Soot	2	5	0	0
OXI	Oxidation	16	45	43	21
SUL	Sulfur Products	20	39	37	24
NIT	Nitration	6	8	6	5

A	Antifreeze	N	N	N	N
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F	Fuel	N	N	N	N
---	------	---	---	---	---

W	Water	N	N	N	N
---	-------	---	---	---	---

WEAR LEVELS / ADDITIVES

		19-Oct-22	15-Sep-22	27-Jul-22	25-Jun-22
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	0	1	0	2
K	Potassium	0	1	1	0
Si	Silicon	2	6	7	7
Al	Aluminum	1	2	1	0
Fe	Iron	5	8	3	4
Cr	Chromium	0	0	0	0
Pb	Lead	0	0	0	0
Cu	Copper	0	0	0	0
Sr	Tin	0	0	0	0
Ni	Nickel	0	0	0	0
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1225	1168	1186	906
Ca	Calcium	1029	975	976	1564
Mg	Magnesium	833	965	824	493
Ba	Barium	0	0	0	0
B	Boron	7	87	120	62
Mo	Molybdenum	59	41	42	39
P	Phosphorus	1082	985	1020	780

ENGINE

SERIAL NUMBER: HA0014041

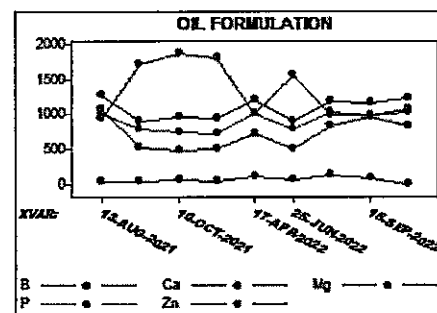
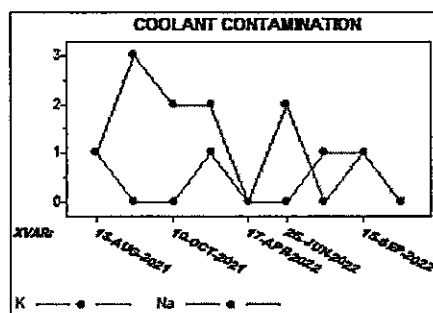
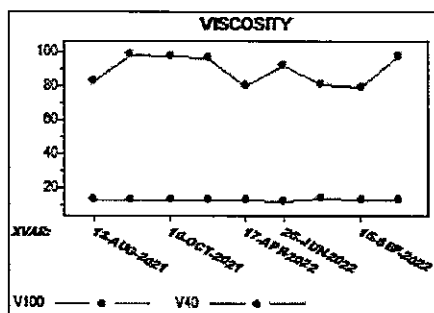
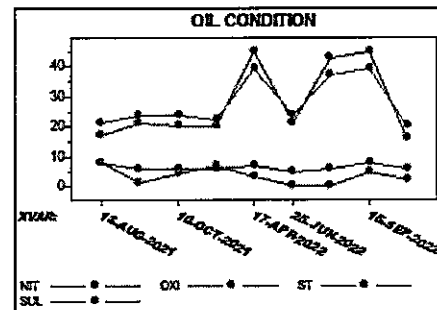
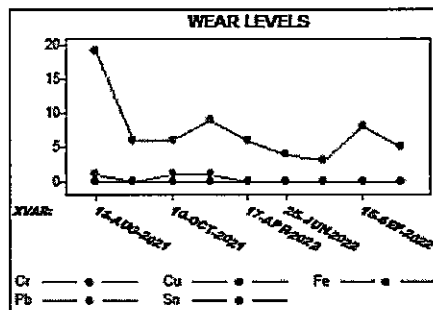
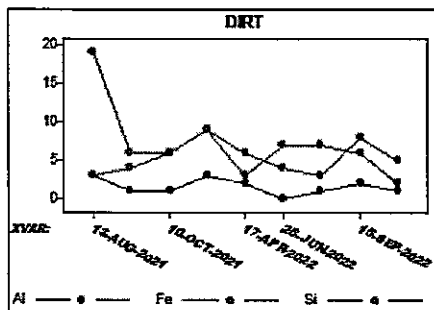
EQUIP NUM: H110

DEERE 450D DEERE

ND30-62900-0729



No Action Required



Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4b8bREJvUrs>. Access our online platform: <https://soswebmc.cat.com/cat-sos/samples>. Want to sign up for online portal?, Go Paperless? Or have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.

ENGINE

EQUIP NUM: H09

SERIAL NUMBER: GAX10078

N030-52293-0507

SHOP JOB NUM : DRJ184

SAMPLE SHIP TIME (days) : 1

D RAY CONSTRUCTION
LTD

RECEIVED DATE: 20-Oct-22

CAT 349D



No Action Required

Interp By: Greg Eyre
Interpreted On: 24-Oct-22

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	19-Oct-22	11-Oct-22	22-Aug-22	14-Jul-22
Sample Id	N030-52293-0507	N030-52286-0406	N030-52290-1115	N030-52201-0496
Lab Date	20-Oct-22	19-Oct-22	17-Oct-22	20-Jul-22
Meter [Hr]	8065	7814	7552	7292
Comp Meter [Hr]	8065	7814	7552	7292
Meter On Fluid	251	250	250	200
Fluid Brand	SHELL	MOBIL	MOBIL	MOBIL
Fluid Weight	15W-40	15W-40	15W-40	15W-40
Fluid Type				
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Make Up Fluid [l]	42.55			
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		19-Oct-22	11-Oct-22	22-Aug-22	14-Jul-22
V100	Viscosity at 100 C	13.60	13.20	13.00	13.00

V40	Viscosity at 40 C	98.40	95.70	84.90	99.80
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VI	Viscosity Index	139	137	153	127
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		19-Oct-22	11-Oct-22	22-Aug-22	14-Jul-22
ST	Soot	16	14	14	8
OXI	Oxidation	23	26	40	18
SUL	Sulfur Products	25	26	36	22
NIT	Nitration	8	8	9	8

A	Antifreeze	N	N	N	N
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F	Fuel	N	N	N	N
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W	Water	N	N	N	N
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WEAR LEVELS / ADDITIVES

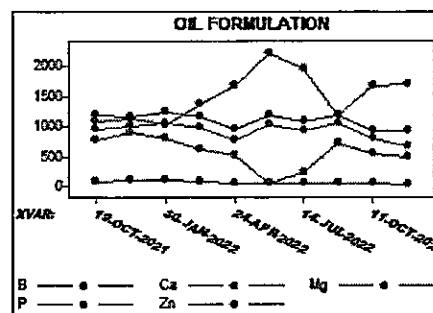
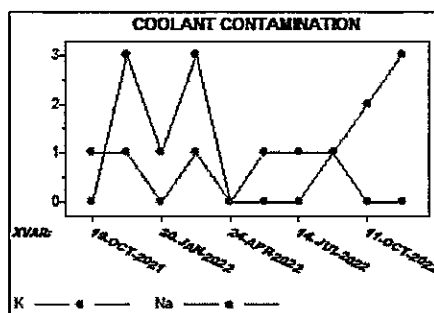
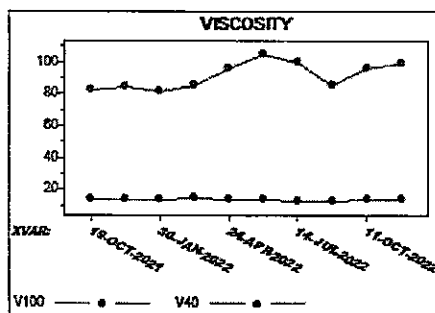
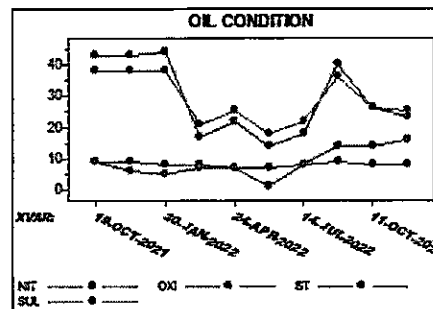
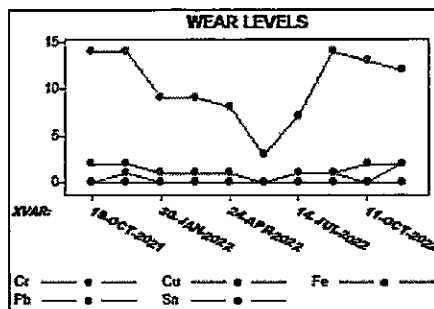
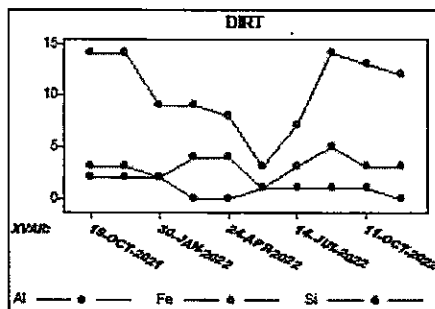
		19-Oct-22	11-Oct-22	22-Aug-22	14-Jul-22
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	3	2	1	1
K	Potassium	0	0	1	0
Si	Silicon	3	3	5	3
Al	Aluminum	0	1	1	1
Fe	Iron	12	13	14	7
Cr	Chromium	0	0	0	0
Pb	Lead	2	0	1	1
Cu	Copper	2	2	1	1
Sb	Tin	0	0	0	0
Ni	Nickel	0	0	0	0
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	920	928	1179	1089
Ca	Calcium	1700	1680	1189	1941
Mg	Magnesium	489	527	728	224
Ba	Barium	0	0	0	0
B	Boron	37	42	60	44
Mo	Molybdenum	38	39	44	66
P	Phosphorus	666	786	1048	925

ENGINE:
SERIAL NUMBER: GAX10076
EQUIP NUM: H09
CAT 349D

NO30-S2293-0507



No Action Required



Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJVVrs>. Access our online platform: <https://soswebmc.cat.com/cat-sos/samples>. Want to sign up for online portal?, Go Paperless? Or have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.

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FINNING CANADA LTD. Fluid Analysis Laboratory 10910-170th St Edmonton, AB T6S 1H6

Web: www.finning.com Email: digitalservices@finning.com

ENGINE**EQUIP NUM: H10****SERIAL NUMBER: HA0914041****N030-52271-0958**

SAMPLE SHIP TIME (days) : 13

**D RAY CONSTRUCTION
LTD**

RECEIVED DATE: 28-Sep-22

DEERE 450D_DEERE**No Action Required**

Interp By: Gregory Scribner

Interpreted On: 03-Oct-22

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	15-Sep-22	27-Jul-22	25-Jun-22	17-Apr-22
Sampled Date	15-Sep-22	27-Jul-22	25-Jun-22	17-Apr-22
Sample Id	N030-52271-0958	N030-52223-0129	N030-52187-0144	N030-52112-0772
Lab Date	28-Sep-22	11-Aug-22	06-Jul-22	22-Apr-22
Meter [Hr]	9627	9378	9328	8956
Comp Meter [Hr]	9627	9378	9328	8956
Meter On Fluid	247	100	250	250
Fluid Brand	MOBIL	MOBIL	MOBIL	MOBIL
Fluid Weight	5W-40	5W-40	5W-40	5W-40
Fluid Type				
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Make Up Fluid [L]	56		54	55
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		15-Sep-22	27-Jul-22	25-Jun-22	17-Apr-22
V100	Viscosity at 100 C	12.90	13.50	12.50	13.40

VISCOSITY (Centistokes)

V40	Viscosity at 40 C	79.30	81.60	92.30	80.70
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VISCOSITY INDEX

VI	Viscosity Index	163	169	131	169
----	-----------------	-----	-----	-----	-----

INFRARED (UFM)

ST	Soot	5	0	0	3
OXI	Oxidation	45	43	21	45
SUL	Sulfur Products	39	37	24	39
NIT	Nitration	8	6	5	7

ANTIFREEZE

A	Antifreeze	N	N	N	N
---	------------	---	---	---	---

FUEL

F	Fuel	N	N	N	N
---	------	---	---	---	---

WATER

W	Water	N	N	N	N
---	-------	---	---	---	---

WEAR LEVELS / ADDITIVES

		15-Sep-22	27-Jul-22	25-Jun-22	17-Apr-22
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	1	0	2	0
K	Potassium	1	1	0	0
Si	Silicon	6	7	7	3
Al	Aluminum	2	1	0	2
Fe	Iron	3	3	4	6
Cr	Chromium	0	0	0	0
Pb	Lead	0	0	0	0
Cu	Copper	0	0	0	0
Sn	Tin	0	0	0	0
Ni	Nickel	0	0	0	0
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1168	1186	906	1211
Ca	Calcium	975	976	1564	1006
Mg	Magnesium	965	824	493	725
Ba	Barium	0	0	0	0
B	Boron	87	120	62	100
Mo	Molybdenum	41	42	39	41
P	Phosphorus	985	1020	780	1017

Notice: This analysis is intended as an aid in predicting mechanical wear. No guarantee, expressed or implied, is made against failure of this piece of equipment or component thereof.

SERIAL NUMBER: HA0014041

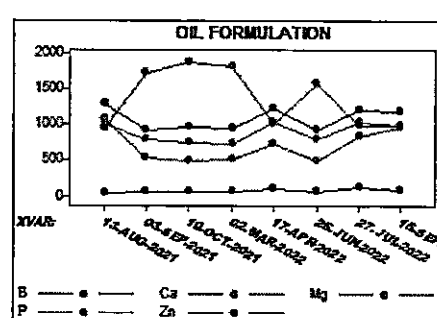
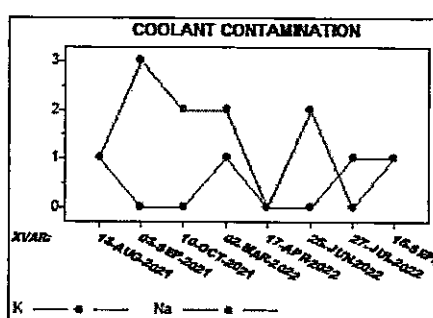
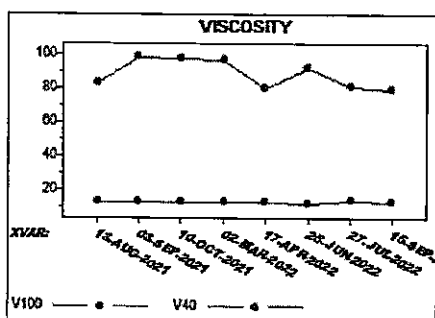
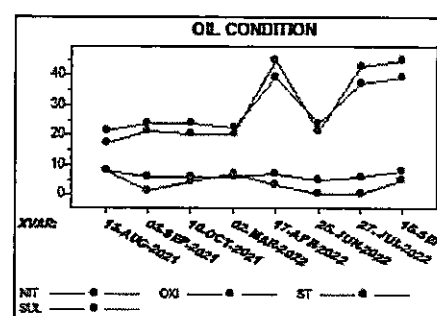
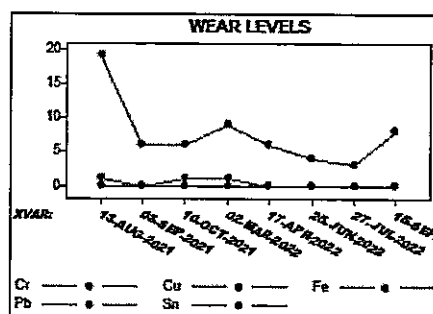
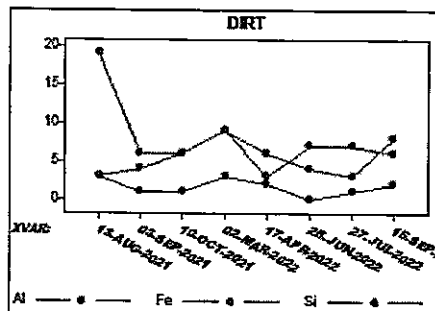
EQUIP NUM: H10

DEERE 450D DEERE

NDSO-52271-0968



No Action Required



Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJVUrs>. Access our online platform: <https://soswebmc.cat.com/cat-sos/samples>. Want to sign up for online portal?, Go Paperless? Or have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.

ENGINE
EQUIP NUM: H10
SERIAL NUMBER: HA0914041
N030-52223-0129

LABEL#: 201000691

SHOP JOB NUM : 3731

SAMPLE SHIP TIME (days) : 15

D RAY CONSTRUCTION
LTD

RECEIVED DATE: 11-Aug-22

DEERE 450D DEERE

No Action Required

Interp By: Gregory Scribner

Interpreted On: 12-Aug-22

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

	27-Jul-22	25-Jun-22	17-Apr-22	02-Mar-22
Sample Date	27-Jul-22	25-Jun-22	17-Apr-22	02-Mar-22
Sample Id	N030-52223-0129	N030-52187-0144	N030-52112-0772	N030-52075-0680
Lab Date	11-Aug-22	06-Jul-22	22-Apr-22	16-Mar-22
Meter [Hr]	9378	9328	8956	8670
Comp Meter [Hr]	9378	9328	8956	8670
Meter On Fluid	100	250	250	250
Fluid Brand	MOBIL	MOBIL	MOBIL	MOBIL
Fluid Weight	5W-40	5W-40	5W-40	5W-40
Fluid Type				
Fluid Change	Y	Y	Y	Y
Filter Change	Y	Y	Y	Y
Make Up Fluid [L]		54	55	50
Kidney Loop	U	U	U	U

CONDITION / CONTAMINATION

		27-Jul-22	25-Jun-22	17-Apr-22	02-Mar-22
VISCOSITY (Centistokes)					
V100	Viscosity at 100 C	13.50	12.50	13.40	12.70

VISCOSITY (Centistokes)					
V40	Viscosity at 40 C	81.60	92.30	80.70	96.40

VISCOSITY INDEX					
VI	Viscosity Index	169	131	169	127

INFRARED (UFM)					
ST	Soot	0	0	3	7
OXI	Oxidation	43	21	45	20
SUL	Sulfur Products	37	24	39	22
NTT	Nitration	6	5	7	6

ANTIFREEZE					
A	Antifreeze	N	N	N	N

FUEL					
F	Fuel	N	N	N	N

WATER					
W	Water	N	N	N	N

WEAR LEVELS / ADDITIVES

		27-Jul-22	25-Jun-22	17-Apr-22	02-Mar-22
ELEMENTAL ANALYSIS (ppm)					
Na	Sodium	0	2	0	2
K	Potassium	1	0	0	1
Si	Silicon	7	7	3	9
Al	Aluminum	1	0	2	3
Fe	Iron	3	4	6	9
Cr	Chromium	0	0	0	0
Pb	Lead	0	0	0	1
Cu	Copper	0	0	0	0
Sn	Tin	0	0	0	0
Ni	Nickel	0	0	0	0
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	1186	906	1211	931
Ca	Calcium	976	1564	1006	1803
Mg	Magnesium	824	493	725	503
Ba	Barium	0	0	0	0
B	Boron	120	62	100	51
Mo	Molybdenum	42	39	41	41
P	Phosphorus	1020	780	1017	732

ENGINE

SERIAL NUMBER: HA0014041

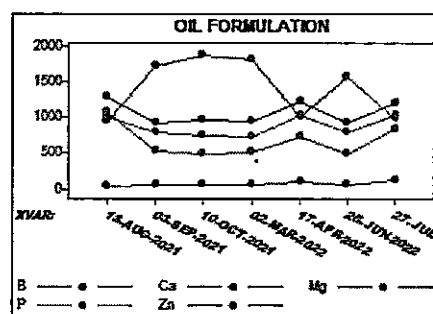
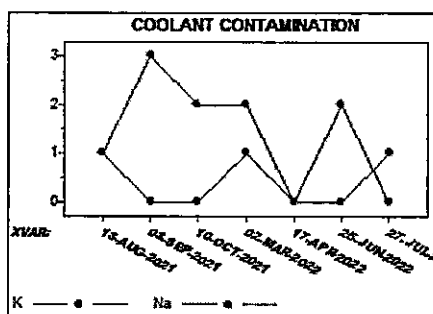
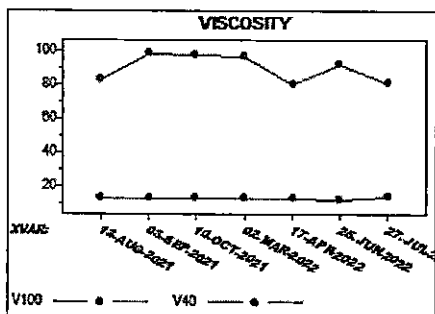
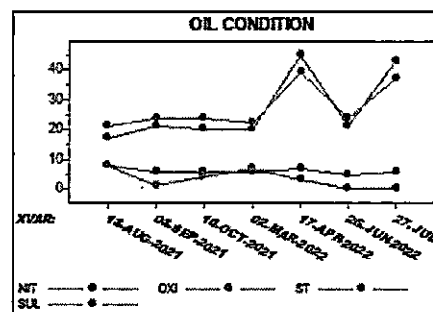
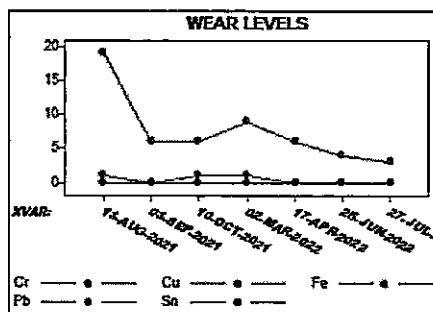
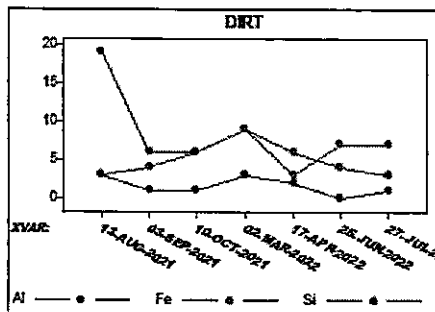
EQUIP NUM: H10

DEERE 450D DEERE

ND30-62228-0128



No Action Required



Report Comment

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HYDRAULIC SYSTEM

N030-52075-0685

SAMPLE SHIP TIME (days) : 13

**D RAY CONSTRUCTION
LTD**

RECEIVED DATE: 16-Mar-22

EQUIP NUM: H10
DEERE 450D_DEERE

No Action Required

SERIAL NUMBER: HA0914041

Interp By: Gregory Scribner

Interpreted On: 18-Mar-22

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

Sampled Date 03-Mar-22
 Sample Id N030-52075-0685
 Lab Date 16-Mar-22
 Meter [Hr] 8670
 Comp Meter [Hr] 8670
 Meter On Fluid 2000
 Fluid Brand
 Fluid Weight
 Fluid Type
 Fluid Change Y
 Filter Change Y
 Kidney Loop U

PREVIOUS SAMPLE

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

CONDITION / CONTAMINATION

03-Mar-22

VISCOSITY (Centistokes)

V100 Viscosity at 100 C 6.400

VISCOSITY (Centistokes)

V40 Viscosity at 40 C 35.80

VISCOSITY INDEX

VI Viscosity Index 126

WEAR LEVELS / ADDITIVES

03-Mar-22

ELEMENTAL ANALYSIS (ppm)

Na	Sodium	0
K	Potassium	0
Si	Silicon	3
Al	Aluminum	0
Fe	Iron	19
Cr	Chromium	0
Pb	Lead	0
Cu	Copper	3
Sn	Tin	0
Ni	Nickel	0
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Zn	Zinc	103
Ca	Calcium	5
Mg	Magnesium	0
Ba	Barium	0
B	Boron	0
Mo	Molybdenum	0
P	Phosphorus	433

INFRARED (UFM)

ST	Soot	0
OXI	Oxidation	10
SUL	Sulfur Products	19
NIT	Nitration	3

ANTIFREEZE

A Antifreeze N

WATER

W Water N

CLEANLINESS

03-Mar-22

PARTICLE COUNT

ISO	ISO Code Rating	20/17/12
4μ	4μ	7343
6μ	6μ	671
10μ	10μ	66
14μ	14μ	26
18μ	18μ	14
21μ	21μ	8
38μ	38μ	1
50μ	50μ	1

HYDRAULIC SYSTEM

SERIAL NUMBER: HA0014041

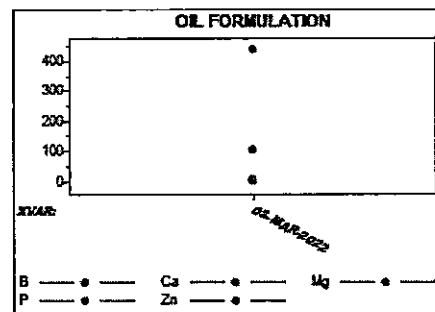
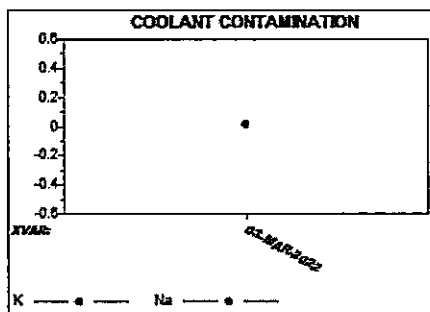
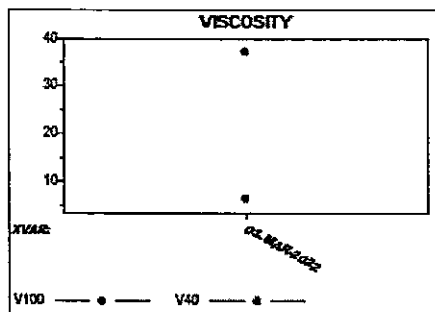
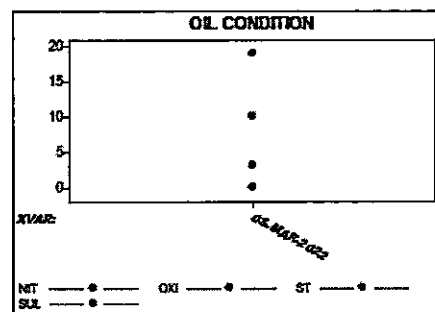
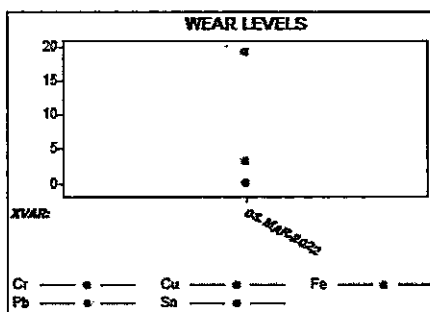
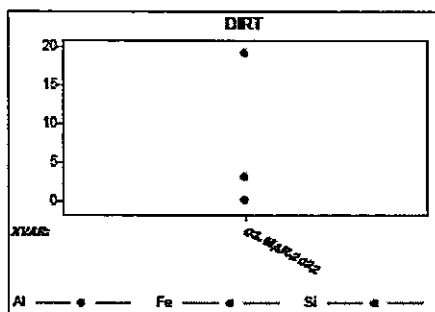
EQUIP NUM: H10

DEERE 450D DEERE

N030-62075-0685



No Action Required



Report Comment

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SWING DRIVE RIGHT
EQUIP NUM: H10
SERIAL NUMBER: HA0914041
DEERE 450D_DEERE
No Action Required
Interp By: Gregory Scribner
Interpreted On: 18-Mar-22
N030-52075-0683

SAMPLE SHIP TIME (days) : 12

**D RAY CONSTRUCTION
LTD**

RECEIVED DATE: 16-Mar-22

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

Sampled Date 04-Mar-22
 Sample Id N030-52075-0683
 Lab Date 16-Mar-22
 Meter [Hr] 8670
 Comp Meter [Hr] 8670
 Meter On Fluid 2000
 Fluid Brand MOBIL
 Fluid Weight 75W-90
 Fluid Type
 Fluid Change Y
 Filter Change U
 Make Up Fluid [L] 5
 Kidney Loop U

WEAR LEVELS / ADDITIVES

04-Mar-22

ELEMENTAL ANALYSIS (ppm)

Na	Sodium	0
K	Potassium	1
Si	Silicon	4
Al	Aluminum	0
Fe	Iron	63
Cr	Chromium	1
Pb	Lead	6
Cu	Copper	37
Sn	Tin	3
Ni	Nickel	0
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Zn	Zinc	10
Ca	Calcium	8
Mg	Magnesium	1
Ba	Barium	0
B	Boron	278
Mo	Molybdenum	0
P	Phosphorus	1009

PREVIOUS SAMPLE

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

CONDITION / CONTAMINATION

04-Mar-22

VISCOSITY (Centistokes)

V100 Viscosity at 100 C 14.20

VISCOSITY (Centistokes)

V40 Viscosity at 40 C 94.70

VISCOSITY INDEX

VI Viscosity Index 154

INFRARED (UFM)

ST	Soot	0
OXI	Oxidation	27
SUL	Sulfur Products	43
NIT	Nitration	3

WATER

W Water N

CLEANLINESS

04-Mar-22

PARTICLE COUNT

ISO	ISO Code Rating	23/22/15
4μ	4μ	72127
6μ	6μ	33673
10μ	10μ	1880
14μ	14μ	268
18μ	18μ	98
21μ	21μ	53
38μ	38μ	2
50μ	50μ	1

SWING DRIVE RIGHT

SERIAL NUMBER: HA0014041

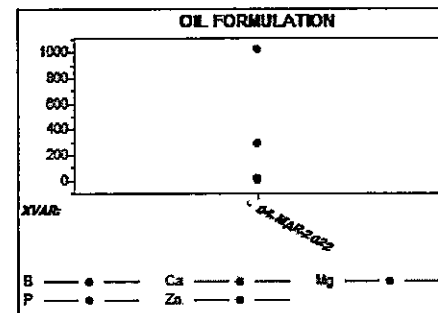
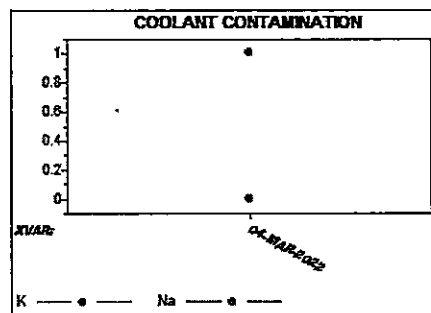
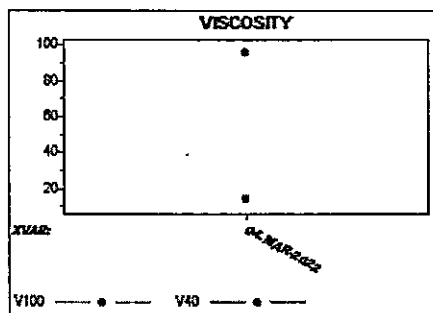
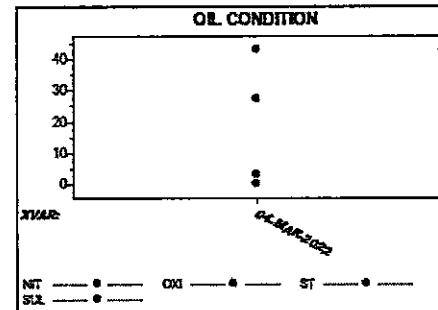
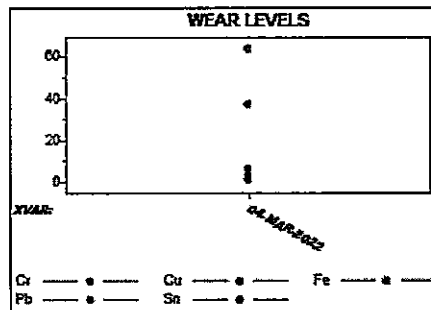
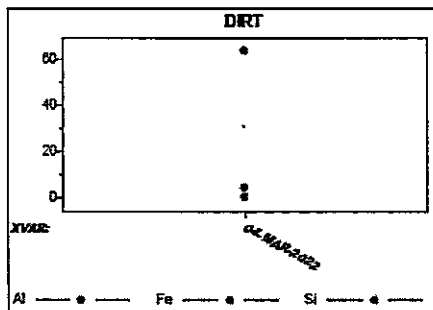
EQUIP NUM: H10

DEERE 480D DEERE

NO30-52075-0683



No Action Required



Report Comment

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SWING DRIVE LEFT

N030-52075-0684

SAMPLE SHIP TIME (days) : 12

D RAY CONSTRUCTION
LTD

RECEIVED DATE: 16-Mar-22

EQUIP NUM: H10
DEERE 450D_DEERE

No Action Required
SERIAL NUMBER: HA0914041

Interp By: Gregory Scribner

Interpreted On: 18-Mar-22

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION

Sampled Date 04-Mar-22
 Sample Id N030-52075-0684
 Lab Date 16-Mar-22
 Meter [Hr] 8670
 Comp Meter [Hr] 8670
 Meter On Fluid 2000
 Fluid Brand MOBIL
 Fluid Weight 75W-90
 Fluid Type
 Fluid Change Y
 Filter Change U
 Make Up Fluid [L] 5
 Kidney Loop U

PREVIOUS SAMPLE

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

CONDITION / CONTAMINATION

04-Mar-22

VISCOSITY (Centistokes)

V100 Viscosity at 100 C 14.50

VISCOSITY (Centistokes)

V40 Viscosity at 40 C 93.80

VISCOSITY INDEX

VI Viscosity Index 160

WEAR LEVELS / ADDITIVES

04-Mar-22

ELEMENTAL ANALYSIS (ppm)

Na	Sodium	0
K	Potassium	0
Si	Silicon	5
Al	Aluminum	0
Fe	Iron	57
Cr	Chromium	1
Pb	Lead	5
Cu	Copper	29
Sn	Tin	3
Ni	Nickel	0
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Zn	Zinc	9
Ca	Calcium	8
Mg	Magnesium	1
Ba	Barium	0
B	Boron	273
Mo	Molybdenum	0
P	Phosphorus	1015

INFRARED (UFM)

ST	Soot	0
OXI	Oxidation	28
SUL	Sulfur Products	43
NIT	Nitration	3

WATER

W Water N

CLEANLINESS

04-Mar-22

PARTICLE COUNT

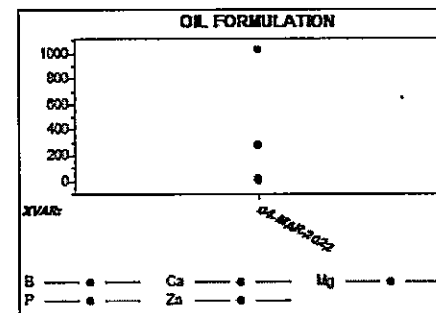
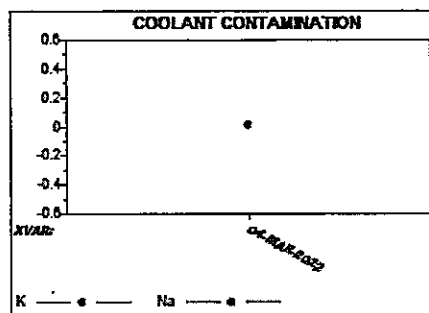
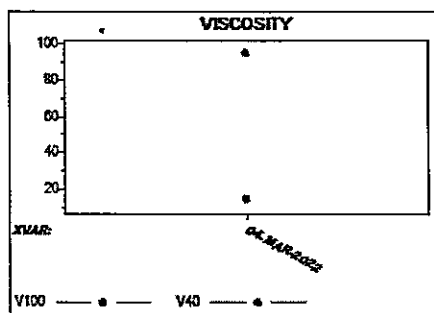
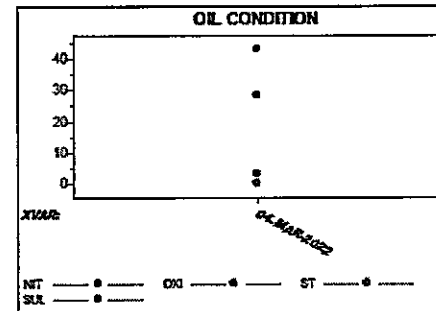
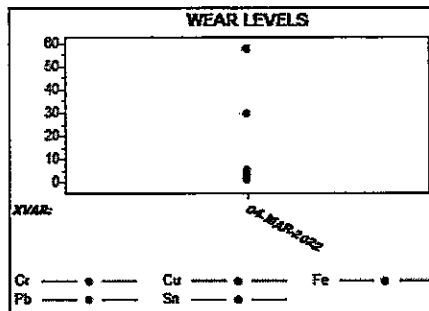
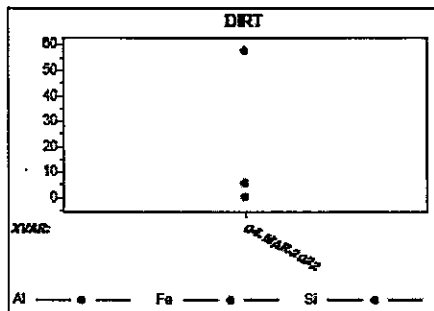
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4μ	4μ	71782
6μ	6μ	32977
10μ	10μ	1852
14μ	14μ	298
18μ	18μ	118
21μ	21μ	66
38μ	38μ	4
50μ	50μ	1

SWING DRIVE LEFT
SERIAL NUMBER: HA0014041
EQUIP NUM: H10
DEERE 460D DEERE

NO30-62075-0064



No Action Required



Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJVUrs>. Access our online platform: <https://soswebmc.cat.com/cat-sos/samples>. Want to sign up for online portal?, Go Paperless? Or have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.

ENGINE
N030-52075-0680

SAMPLE SHIP TIME (days) : 14

**D RAY CONSTRUCTION
LTD**

RECEIVED DATE: 16-Mar-22

EQUIP NUM: H10
DEERE 450D_DEERE

No Action Required
SERIAL NUMBER: HA0914041
Interp By: Fluid Interpreter
Interpreted On: 17-Mar-22

WEAR METAL ANALYSIS INDICATES ACCEPTABLE WEAR RATE. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

SAMPLE INFORMATION

	02-Mar-22	10-Oct-21	03-Sep-21	13-Aug-21
Sampled Date	02-Mar-22	10-Oct-21	03-Sep-21	13-Aug-21
Sample Id	N030-52075-0680	N030-51286-0386	N030-51256-0526	N030-51245-0207
Lab Date	16-Mar-22	13-Oct-21	13-Sep-21	02-Sep-21
Meter [Hr]	8670	8276	8052	7842
Comp Meter [Hr]	8670	8276	8052	7842
Meter On Fluid	250	225	250	7842
Fluid Brand	MOBIL	MOBIL	MOBIL	MOBIL
Fluid Weight	5W-40	15W-40	15W-40	15W-40
Fluid Type				
Fluid Change	Y	Y	Y	Y
Filter Change	Y	U	Y	Y
Make Up Fluid [L]	50	60	60	
Kidney Loop	U	N	N	U

WEAR LEVELS / ADDITIVES

02-Mar-22 10-Oct-21 03-Sep-21 13-Aug-21

ELEMENTAL ANALYSIS (ppm)

Na	Sodium	2	2	3	1
K	Potassium	1	0	0	1
Si	Silicon	9	6	4	3
Al	Aluminum	3	1	1	3
Fe	Iron	9	6	6	19
Cr	Chromium	0	0	0	0
Pb	Lead	1	1	0	0
Cu	Copper	0	0	0	1
Sn	Tin	0	0	0	0
Ni	Nickel	0	0	0	0
Ag	Silver	0	0	0	0
Ti	Titanium	0	0	0	0
V	Vanadium	0	0	0	0
Zn	Zinc	931	963	908	1278
Ca	Calcium	1803	1853	1710	938
Mg	Magnesium	503	487	521	1063
Ba	Barium	0	0	0	0
B	Boron	51	54	52	44
Mo	Molybdenum	41	39	39	52
P	Phosphorus	732	736	787	1001

PREVIOUS SAMPLE

WEAR METAL ANALYSIS INDICATES ACCEPTABLE WEAR RATE. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

CONDITION / CONTAMINATION

02-Mar-22 10-Oct-21 03-Sep-21 13-Aug-21

VISCOSITY (Centistokes)

V100 Viscosity at 100 C 12.70 12.8 13.3 13.4

VISCOSITY (Centistokes)

V40 Viscosity at 40 C 96.40 97.7 98.2 83.5

VISCOSITY INDEX

VI Viscosity Index 127 127 134 163

INFRARED (UFM)

ST	Soot	7	4	1	8
OXI	Oxidation	20	20	21	17
SUL	Sulfur Products	22	24	24	21
NIT	Nitration	6	6	6	8

ANTIFREEZE

A Antifreeze N N N N

FUEL

F Fuel N N N N

WATER

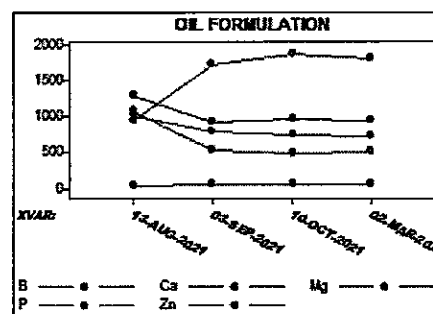
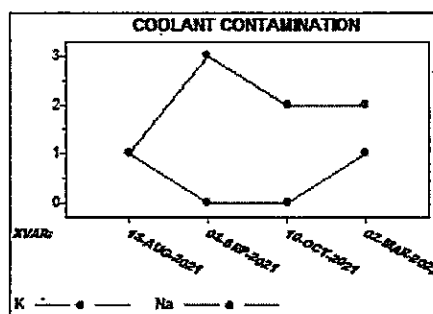
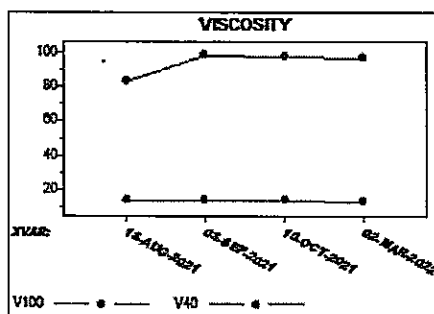
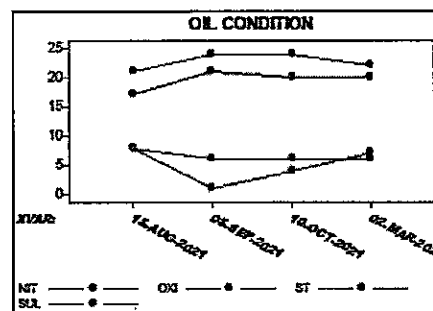
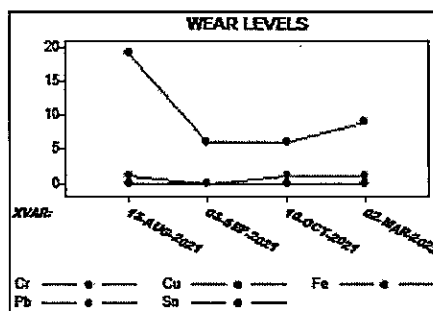
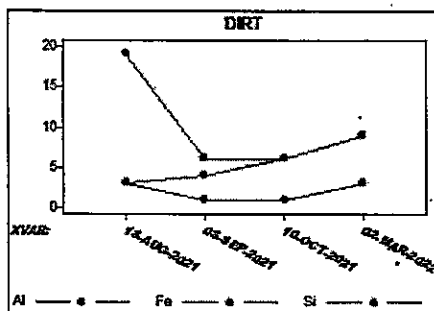
W Water N N N N

ENGINE
SERIAL NUMBER: HA0914041
EQUIP NUM: H10
DEERE 450D DEERE

NOS0-62075-0680



No Action Required



Report Comment

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ENGINE

EQUIP NUM: H10

SERIAL NUMBER: HA0914041

DEERE 450D_DEERE

No Action Required

Interp By: Fluid Interpreter

Interpreted On: 14-Oct-21

N030-51286-0386

SAMPLE SHIP TIME (days) : 3

D RAY CONSTRUCTION

LTD

RECEIVED DATE: 13-Oct-21

WEAR METAL ANALYSIS INDICATES ACCEPTABLE WEAR RATE. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

SAMPLE INFORMATION

	10-Oct-21	03-Sep-21	13-Aug-21
Sampled Date	10-Oct-21	03-Sep-21	13-Aug-21
Sample Id	N030-51286-0386	N030-51256-0526	N030-51245-0207
Lab Date	13-Oct-21	13-Sep-21	02-Sep-21
Meter [Hr]	8276	8052	7842
Comp Meter [Hr]	8276	8052	7842
Meter On Fluid	225	250	7842
Fluid Brand	MOBIL	MOBIL	MOBIL
Fluid Weight	15W-40	15W-40	15W-40
Fluid Type			
Fluid Change	Y	Y	Y
Filter Change	U	Y	Y
Make Up Fluid [L]	60	60	
Kidney Loop	N	N	U

WEAR LEVELS / ADDITIVES

10-Oct-21 03-Sep-21 13-Aug-21

ELEMENTAL ANALYSIS (ppm)

Na	Sodium	2	3	1
K	Potassium	0	0	1
Si	Silicon	6	4	3
Al	Aluminum	1	1	3
Fe	Iron	6	6	19
Cr	Chromium	0	0	0
Pb	Lead	1	0	0
Cu	Copper	0	0	1
Sn	Tin	0	0	0
Ni	Nickel	0	0	0
Ag	Silver	0	0	0
Ti	Titanium	0	0	0
V	Vanadium	0	0	0
Zn	Zinc	963	908	1278
Ca	Calcium	1853	1710	938
Mg	Magnesium	487	521	1063
Ba	Barium	0	0	0
B	Boron	54	52	44
Mo	Molybdenum	39	39	52
P	Phosphorus	736	787	1001

PREVIOUS SAMPLE

WEAR METAL ANALYSIS INDICATES ACCEPTABLE WEAR RATE. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

CONDITION / CONTAMINATION

10-Oct-21 03-Sep-21 13-Aug-21

VISCOSITY (Centistokes)

V100 Viscosity at 100 C 12.8 13.3 13.4

VISCOSITY (Centistokes)

V40 Viscosity at 40 C 97.7 98.2 83.5

VISCOSITY INDEX

VI Viscosity Index 127 134 163

INFRARED (UFM)

ST	Soot	4	1	8
OXI	Oxidation	20	21	17
SUL	Sulfur Products	24	24	21
NIT	Nitration	6	6	8

ANTIFREEZE

A Antifreeze N N N

FUEL

F Fuel N N N

WATER

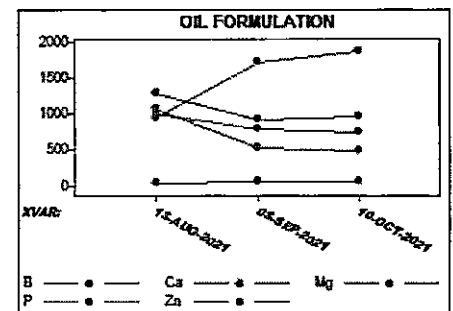
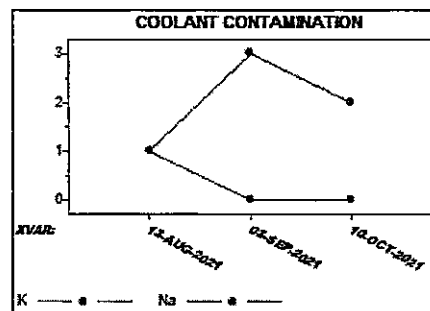
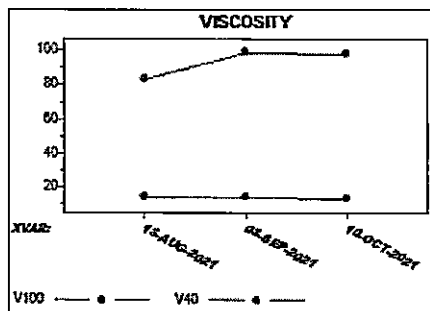
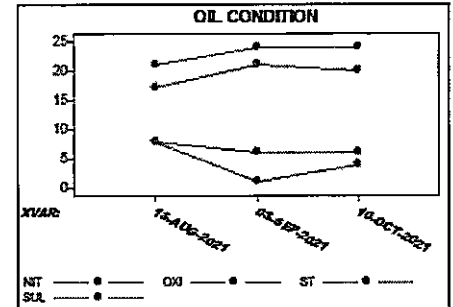
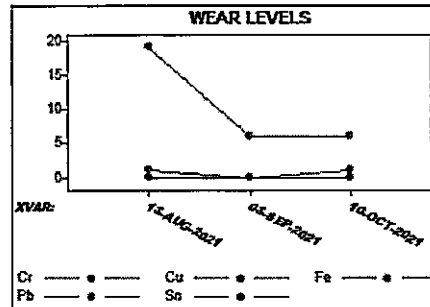
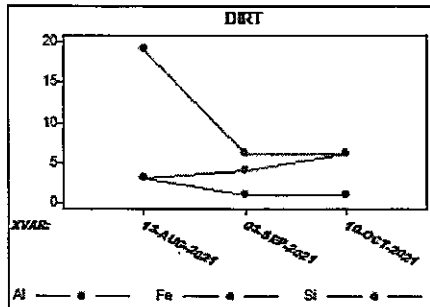
W Water N N N

ENGINE:
 SERIAL NUMBER: HADG14041
 EQUIP NUM: H10
 DEERE 460D: DEERE

ND30-51286-0386



No Action Required



Report Comment

Our sample reports has been updated! For more information on the new report, go to - <https://www.youtube.com/watch?v=4h8bREJVVrs>. Access our online platform: <https://soswebmc.cat.com/cat-sos/samples>. Want to sign up for online portal?, Go Paperless? Or have any questions on SOS? Contact us 8:00am - 4:00pm MST M-F at SOS Support: 1-888-FINNING or oilsupport@finning.com.

ENGINE

EQUIP NUM: H10

SERIAL NUMBER: HA0914041

N030-51256-0528

SHOP JOB NUM : keephillspit

SAMPLE SHIP TIME (days) : 10

D RAY CONSTRUCTION
LTD

RECEIVED DATE: 13-Sep-21

DEERE 450D DEERE

 No Action Required

Interp By: Fluid Interpreter
Interpreted On: 14-Sep-21

WEAR METAL ANALYSIS INDICATES ACCEPTABLE WEAR RATE. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

SAMPLE INFORMATION

Sampled Date	03-Sep-21	13-Aug-21
Sample Id	N030-51256-0526	N030-51245-0207
Lab Date	13-Sep-21	02-Sep-21
Meter [Hr]	8052	7842
Comp Meter [Hr]	8052	7842
Meter On Fluid	250	7842
Fluid Brand	MOBIL	MOBIL
Fluid Weight	15W-40	15W-40
Fluid Type		
Fluid Change	Y	Y
Filter Change	Y	Y
Make Up Fluid [L]	60	
Kidney Loop	N	U

PREVIOUS SAMPLE

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

CONDITION / CONTAMINATION

	03-Sep-21	13-Aug-21
VISCOSITY (Centistokes)		
V100 Viscosity at 100 C	13.3	13.4
VISCOSITY (Centistokes)		
V40 Viscosity at 40 C	98.2	83.5

VISCOSITY INDEX

VI Viscosity Index	134	163
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WEAR LEVELS / ADDITIVES

03-Sep-21 13-Aug-21

ELEMENTAL ANALYSIS (ppm)		
Na Sodium	3	1
K Potassium	0	1
Si Silicon	4	3
Al Aluminum	1	3
Fe Iron	6	19
Cr Chromium	0	0
Pb Lead	0	0
Cu Copper	0	1
Sn Tin	0	0
Ni Nickel	0	0
Ag Silver	0	0
Ti Titanium	0	0
V Vanadium	0	0
Zn Zinc	908	1278
Ca Calcium	1710	938
Mg Magnesium	521	1063
Ba Barium	0	0
B Boron	52	44
Mo Molybdenum	39	52
P Phosphorus	787	1001

INFRARED (IEM)

ST Soot	1	8
OXI Oxidation	21	17
SUL Sulfur Products	24	21
NIT Nitration	6	8

ANTIFREEZE

A Antifreeze	N	N
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FUEL

F Fuel	N	N
--------	---	---

WATER

W Water	N	N
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ENGINE

SERIAL NUMBER: HA0014041

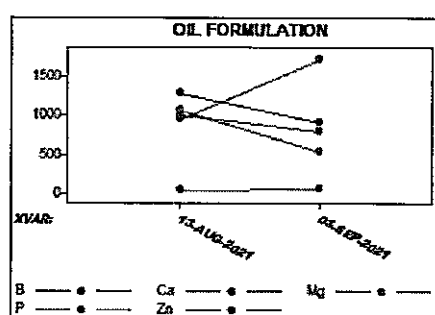
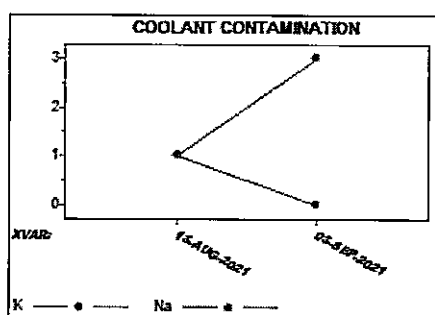
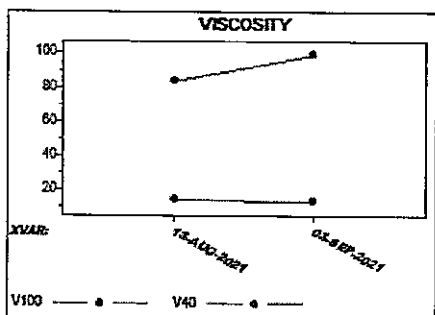
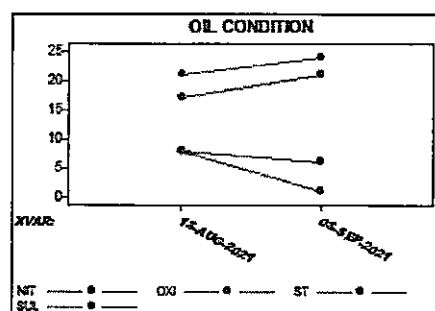
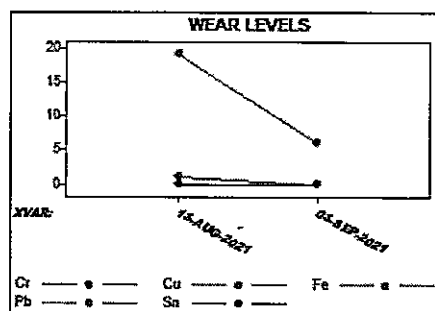
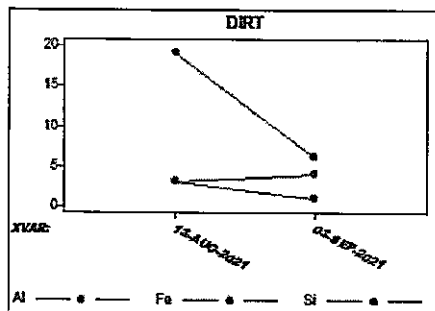
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DEERE 460D DEERE

ND30-S1256-0526



No Action Required



Report Comment

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Web: www.finning.com Email: digitalservices@finning.com

ENGINE**N030-51245-0207**

SHOP JOB NUM : DRJ174

SAMPLE SHIP TIME (days) : 20

**D RAY CONSTRUCTION
LTD**

RECEIVED DATE: 02-Sep-21

EQUIP NUM: H10**DEERE 450D_DEERE** **No Action Required****SERIAL NUMBER: HA0914041****Interp By: Greg Eyre****Interpreted On: 03-Sep-21**

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

SAMPLE INFORMATION
Sampled Date 13-Aug-21
Sample Id N030-51245-0207
Lab Date 02-Sep-21
Meter [Hr] 7842
Comp Meter [Hr] 7842
Meter On Fluid 7842
Fluid Brand MOBIL
Fluid Weight 15W-40
Fluid Type
Fluid Change Y
Filter Change Y
Kidney Loop U**PREVIOUS SAMPLE**

DIRT AND WEAR METALS APPEAR TO BE AT ACCEPTABLE LEVELS. OTHER READINGS APPEAR TO BE NORMAL. RESAMPLE AT THE NEXT SERVICE INTERVAL.

CONDITION / CONTAMINATION

13-Aug-21

VISCOSITY (Centistokes)

V100 Viscosity at 100 C 13.4

VISCOSITY (Centistokes)

V40 Viscosity at 40 C 83.5

VISCOSITY INDEX

VI Viscosity Index 163

WEAR LEVELS / ADDITIVES

13-Aug-21

ELEMENTAL ANALYSIS (ppm)

Na	Sodium	1
K	Potassium	1
Si	Silicon	3
Al	Aluminum	3
Fe	Iron	19
Cr	Chromium	0
Pb	Lead	0
Cu	Copper	1
Sn	Tin	0
Ni	Nickel	0
Ag	Silver	0
Ti	Titanium	0
V	Vanadium	0
Zn	Zinc	1278
Ca	Calcium	938
Mg	Magnesium	1063
Ba	Barium	0
B	Boron	44
Mo	Molybdenum	52
P	Phosphorus	1001

INFRARED (UFM)

ST	Soot	8
OXI	Oxidation	17
SUL	Sulfur Products	21
NIT	Nitration	8

ANTIFREEZE

A Antifreeze N

FUEL

F Fuel N

WATER

W Water N

ENGINE

SERIAL NUMBER: HA0914041

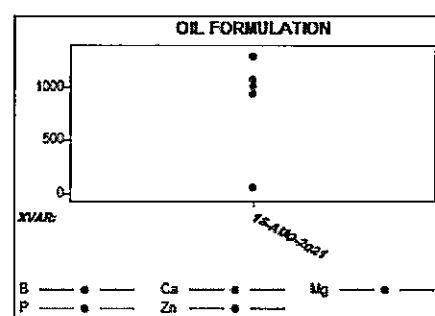
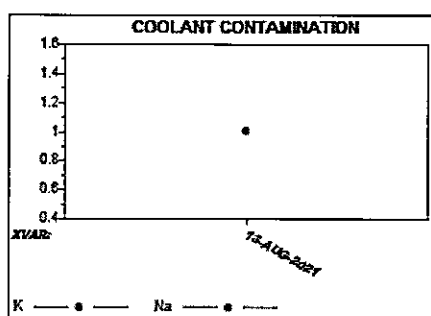
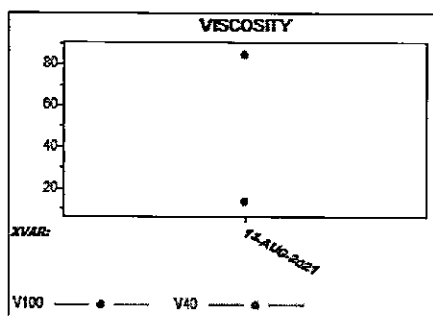
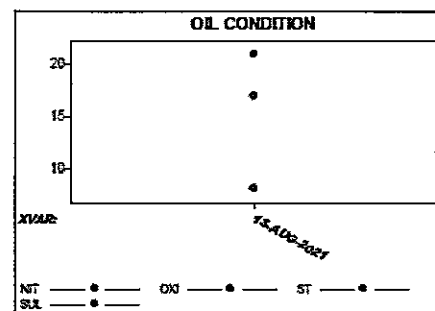
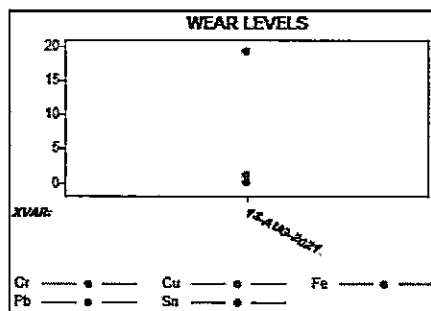
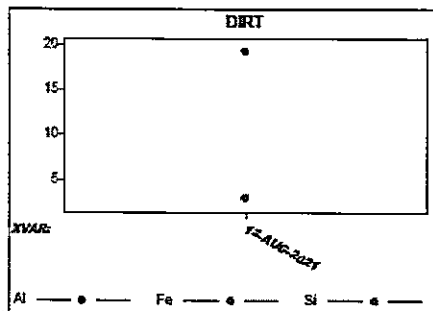
EQUIP NUM: R10

DEERE 450D DEERE

ND30-51245-0207



No Action Required



Report Comment

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