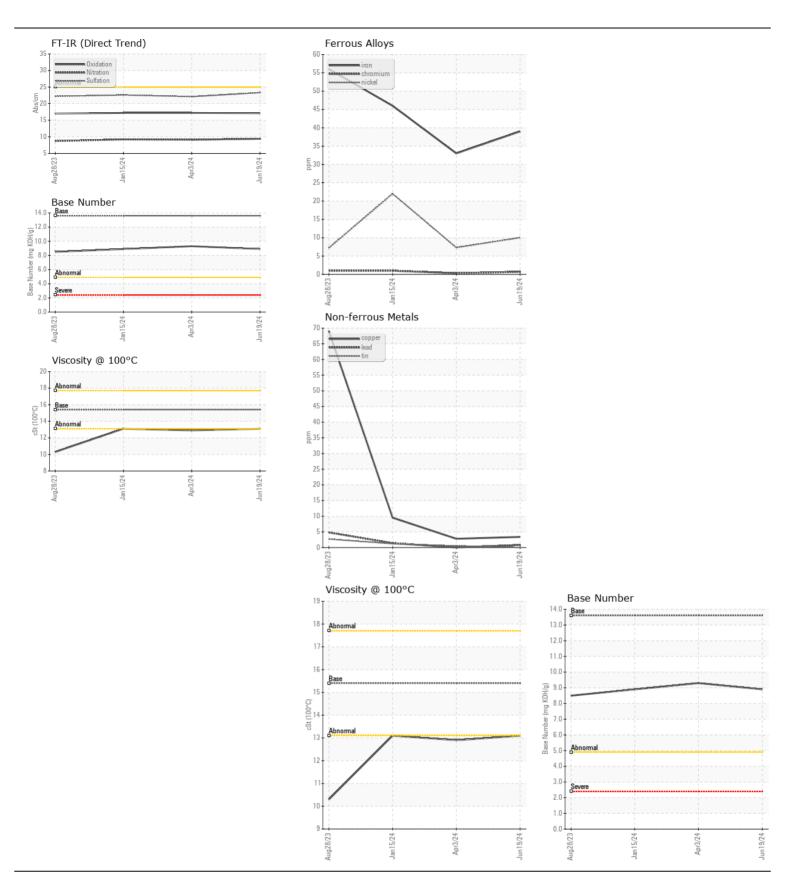
WEAR CONTAMINATION FLUID CONDITION **NORMAL NORMAL NORMAL**

Machine Id

JOHN DEERE 850L 1T0850LXVPF446530

Diesel Engine

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		JR0218234	JR0211066	JR019910
	Sample Date		Client Info		19 Jun 2024	03 Apr 2024	15 Jan 202
	Machine Age	hrs	Client Info		1987	1449	983
	Oil Age	hrs	Client Info		538	466	509
	Filter Age	hrs	Client Info		0	0	509
	Oil Changed		Client Info		Changed	Changed	Changed
	Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status				NORMAL	NORMAL	NORMAL
VEAR	Iron	ppm	ASTM D5185m	>51	39	33	46
	Chromium	ppm	ASTM D5185m	>11	<1	<1	1
All component wear rates are normal.	Nickel	ppm	ASTM D5185m		10	7	22
	Titanium	ppm	ASTM D5185m		<1	0	0
	Silver	ppm	ASTM D5185m	>3	0	0	0
	Aluminum	ppm	ASTM D5185m	>31	4	4	5
	Lead	ppm	ASTM D5185m	>26	<1	0	1
	Copper	ppm	ASTM D5185m	>26	3	3	10
	Tin	ppm	ASTM D5185m	>4	0	<1	1
	Vanadium	ppm	ASTM D5185m		<1	0	<1
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	Silicon	ppm	ASTM D5185m	>22	8	7	8
OUTTAMINATION	Potassium	ppm	ASTM D5185m		<1	0	1
There is no indication of any contamination in the oil.	Fuel	ppiii	WC Method		<1.0	<1.0	<1.0
	Water		WC Method		NEG	NEG	NEG
	Glycol		WC Method	7 O.L I	NEG	NEG	NEG
	Soot %	%	*ASTM D7844	>3	0.7	0.5	0.6
	Nitration	Abs/cm	*ASTM D7624	>20	9.4	9.1	9.2
	Sulfation	Abs/.1mm	*ASTM D7415		23.3	22.1	22.6
	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
	Debris	scalar	*Visual	NONE	NONE	NONE	NONE
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
	Appearance	scalar	*Visual	NORML	NORML	NORML	NORN
	Odor	scalar	*Visual	NORML	NORML	NORML	NORN
	Emulsified Water		*Visual	>0.21	NEG	NEG	NEG
I LUD CONDITION	Codium		ACTM DE10Em	. 01		0	· · · · · ·
FLUID CONDITION	Sodium Boron	ppm	ASTM D5185m	>31	2 143	2	3 195
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.		ppm	ASTM D5185m			179	0
	Barium	ppm	ASTM D5185m ASTM D5185m		<1 256	0 220	261
	Molybdenum	ppm	ASTM D5185m				
	Manganese	ppm			<1	<1	2
	Magnesium Calcium	ppm	ASTM D5185m ASTM D5185m		891 1651	793 1514	819 1447
		ppm	ASTM D5185m		972	909	953
	Phosphorus Zinc	ppm	ASTM D5185m		1213	1080	1129
	Sulfur	ppm	ASTM D5185m			3286	
	Oxidation	ppm Abo/ 1mm	*ASTM D5185m	- OF	3539		2994
	Base Number (BN)	Abs/.1mm			17.1 8.9	17.2 9.3	17.2
	Dase Number (BN)	IIIQ NUM/Q	49 LIVI D5896	13.0	0.9	9.3	8.9







Certificate L2367

Laboratory Sample No.

: JR0218234 Lab Number : 06217980 Unique Number : 11096177

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received **Tested**

Diagnosed Test Package : CONST (Additional Tests: TBN)

: 25 Jun 2024 : 25 Jun 2024 - Wes Davis

: 24 Jun 2024

US 20136 Contact: DANNY HUFF dhuff@bandssite.com

B & S SITE DEVLEOPMENT

7800 PINEY BRANCH LANE

T: (540)270-3203 F: (703)753-0605

To discuss this sample report, contact Customer Service at 1-800-237-1369.

* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

BRISTOW, VA