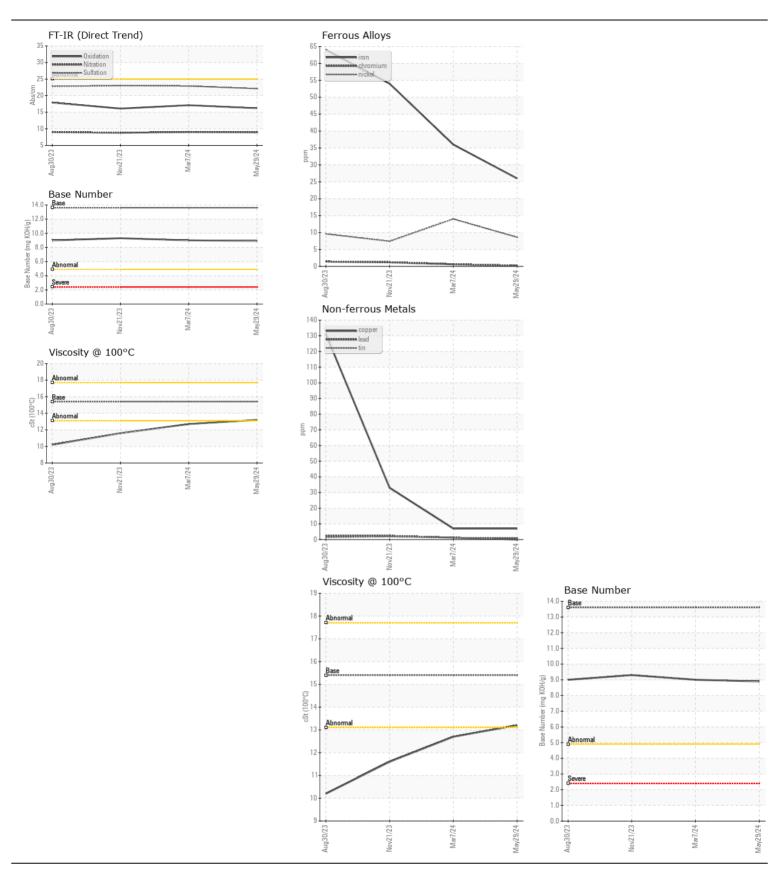
WEAR CONTAMINATION FLUID CONDITION **NORMAL NORMAL NORMAL**

Machine Id

JOHN DEERE 850L 1T0850LXHPF445799

Diesel Engine

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		JR0217739	JR0208275	JR019605
	Sample Date		Client Info		29 May 2024	07 Mar 2024	21 Nov 202
	Machine Age	hrs	Client Info		1966	1471	966
	Oil Age	hrs	Client Info		495	984	487
	Filter Age	hrs	Client Info		495	984	0
	Oil Changed		Client Info		Changed	Changed	N/A
	Filter Changed		Client Info		Changed	Changed	N/A
	Sample Status				NORMAL	ABNORMAL	ATTENTIO
/EAR	Iron	ppm	ASTM D5185m	>51	26	36	54
	Chromium	ppm	ASTM D5185m	>11	<1	<1	1
All component wear rates are normal.	Nickel	ppm	ASTM D5185m	>5	9	<u> </u>	7
	Titanium	ppm	ASTM D5185m		0	0	<1
	Silver	ppm	ASTM D5185m	>3	0	0	0
	Aluminum	ppm	ASTM D5185m	>31	6	5	5
	Lead	ppm	ASTM D5185m		0	1	2
	Copper	ppm	ASTM D5185m		7	7	33
	Tin	ppm	ASTM D5185m		<1	1	2
	Vanadium	ppm	ASTM D5185m		0	<1	<1
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
ONTAMINATION	Silicon	nnm	ASTM D5185m		8	7	11
ONTAIMINATION	Potassium	ppm	ASTM D5185m		0	2	1
There is no indication of any contamination in the oil.	Fuel	ррпп	WC Method		<1.0	<1.0	<1.0
	Water		WC Method		NEG	NEG	NEG
	Glycol		WC Method	70.21	NEG	NEG	NEG
	Soot %	%	*ASTM D7844	~3	0.5	0.5	0.6
	Nitration	Abs/cm	*ASTM D7624	>20	8.9	9.0	8.8
	Sulfation	Abs/.1mm	*ASTM D7415		22.1	22.9	23.0
	Silt	scalar	*Visual	NONE	NONE	NONE	NON!
	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	NORM
	Emulsified Water		*Visual	>0.21	NEG	NEG	NEG
LUID CONDITION	015		AOTA DEADE	04	• • • • • • • • • • • • • • • • • • • •		
FLUID CONDITION	Sodium	ppm	ASTM D5185m	>31	2	3	6
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.	Boron	ppm	ASTM D5185m		207	164	151
	Barium	ppm	ASTM D5185m		<1	0	0
	Molybdenum	ppm	ASTM D5185m		248	213	193
	Manganese	ppm	ASTM D5185m		1	2	1
	Magnesium	ppm	ASTM D5185m		847	728	553
	Calcium	ppm	ASTM D5185m		1504	1760	2167
	Phosphorus	ppm	ASTM D5185m		948	965	982
	Zinc	ppm	ASTM D5185m		1129	1180	1134
	Sulfur	ppm	ASTM D5185m	05	3435	3026	2519
	Oxidation Base Number (BN)	Abs/.1mm	*ASTM D7414 ASTM D2896		16.2 8.9	17.1 9.0	16.1 9.3
				106	0.0	() ()	0.3







Certificate L2367

Laboratory Sample No.

Lab Number : 06196401 Unique Number : 11058524

: JR0217739

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

Diagnosed Test Package : CONST (Additional Tests: TBN)

: 03 Jun 2024

: 31 May 2024

: 03 Jun 2024 - Wes Davis

US 20136 Contact: DANNY HUFF dhuff@bandssite.com T: (540)270-3203

B & S SITE DEVLEOPMENT

7800 PINEY BRANCH LANE

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

F: (703)753-0605