

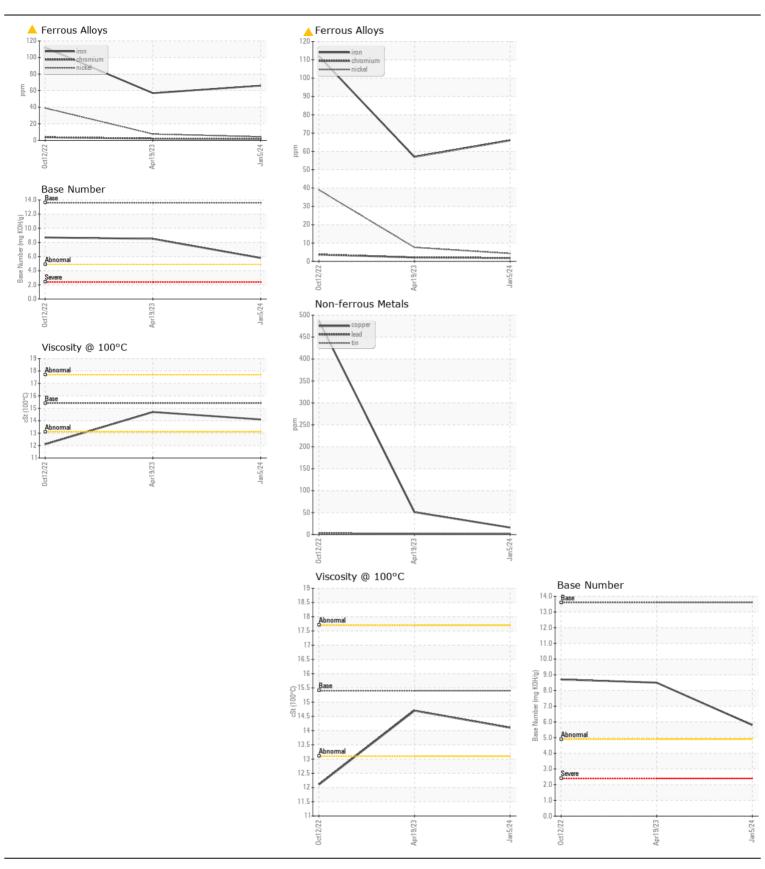
WEAR CONTAMINATION FLUID CONDITION **ABNORMAL NORMAL NORMAL**

Store 9 - Marietta

JOHN DEERE 250G EX33 (S/N 1FF250GXHLF611604)

Component

		(5 GAL)						
RECOMMENDATION		Test	UOM	Method	Limit/Abn	Current	History1	History2
Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next		Sample Number		Client Info		LEC0047721	LEC0038354	LEC0036093
		Sample Date		Client Info		05 Jan 2024	19 Apr 2023	12 Oct 202
service interval to monitor.	ils time. Nesample at the next	Machine Age	hrs	Client Info		1640	1082	545
convice interval to mention.		Oil Age	hrs	Client Info		500	500	545
		Filter Age	hrs	Client Info		500	500	545
		Oil Changed		Client Info		Changed	Changed	Changed
		Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status				ABNORMAL	ABNORMAL	ABNORMA	
WEAR	Iron	ppm	ASTM D5185m	>51	6 6	57	112	
O dia dan anno la constanta de la finanza de	- Carta da Allanda a a a a a a a a a	Chromium	ppm	ASTM D5185m	>11	2	2	4
Cylinder, crank, or cam shaft wear is in	ndicated. All other component	Nickel	ppm	ASTM D5185m	>5	4	<u> </u>	△ 39
wear rates are normal.		Titanium	ppm	ASTM D5185m		<1	0	<1
		Silver	ppm	ASTM D5185m	>3	0	0	0
		Aluminum	ppm	ASTM D5185m	>31	5	3	7
		Lead	ppm	ASTM D5185m	>26	1	2	2
		Copper	ppm	ASTM D5185m		16	<u></u> 51	△ 487
		Tin	ppm	ASTM D5185m	>4	2	3	3
		Vanadium	ppm	ASTM D5185m		<1	<1	<1
		White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
		Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION		Silicon	ppm	ASTM D5185m	>!20	11	11	13
T		Potassium	ppm	ASTM D5185m	>20	2	3	5
There is no indication of any contamin	ation in the oil.	Fuel		WC Method	>2.1	<1.0	<1.0	0.5
		Water		WC Method	>0.21	NEG	NEG	NEG
	Glycol		WC Method		NEG	NEG	NEG	
	Soot %	%	*ASTM D7844	>3	1	0.7	1.1	
	Nitration	Abs/cm	*ASTM D7624	>20	10.8	11.8	14.4	
	Sulfation	Abs/.1mm	*ASTM D7415		27.6	27.5	32.3	
	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 *Visual	NORML	NORML	NORML NORML	NORMI	
		Odor Emulsified Water	scalar		NORML >0.21	NORML NEG	NEG	NORM! NEG
FLUID CONDITION		Sodium	ppm	ASTM D5185m	>31	5	5	7
The BN result indicates that there is su		Boron	ppm	ASTM D5185m		50	99	55
oil. The condition of the oil is suitable		Barium	ppm	ASTM D5185m		0	0	4
		Molybdenum	ppm	ASTM D5185m		121	269	261
		Manganese	ppm	ASTM D5185m		1	2	5
		Magnesium Calcium	ppm	ASTM D5185m ASTM D5185m		524 1610	911	879
		Phosphorus	ppm	ASTM D5185m		1619 1157	1668 956	1658 902
		Zinc	ppm	ASTM D5185m		1157 1423	1219	1128
		Sulfur	ppm	ASTM D5185m		2821	3402	2923
		Oxidation	ppm Abs/.1mm	*ASTM D5165111	>25	2821	23.4	28.7
		VANUALIUII	mua/. IIIIII	AO HW D/414	2CJ	44.0	CU.4	20.7
		Base Number (BN)				5.8	8.5	8.7







Laboratory Sample No. Lab Number **Unique Number**

: LEC0047721 : 06063306 : 10834688

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

Recieved : 17 Jan 2024 Diagnosed

: 19 Jan 2024 Diagnostician : Don Baldridge

Test Package : CONST (Additional Tests: TBN)

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) LANE PIPELINE

2946 E MAIN ST BRIDGEPORT, WV US 26330 Contact: JESSE WILBURN

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