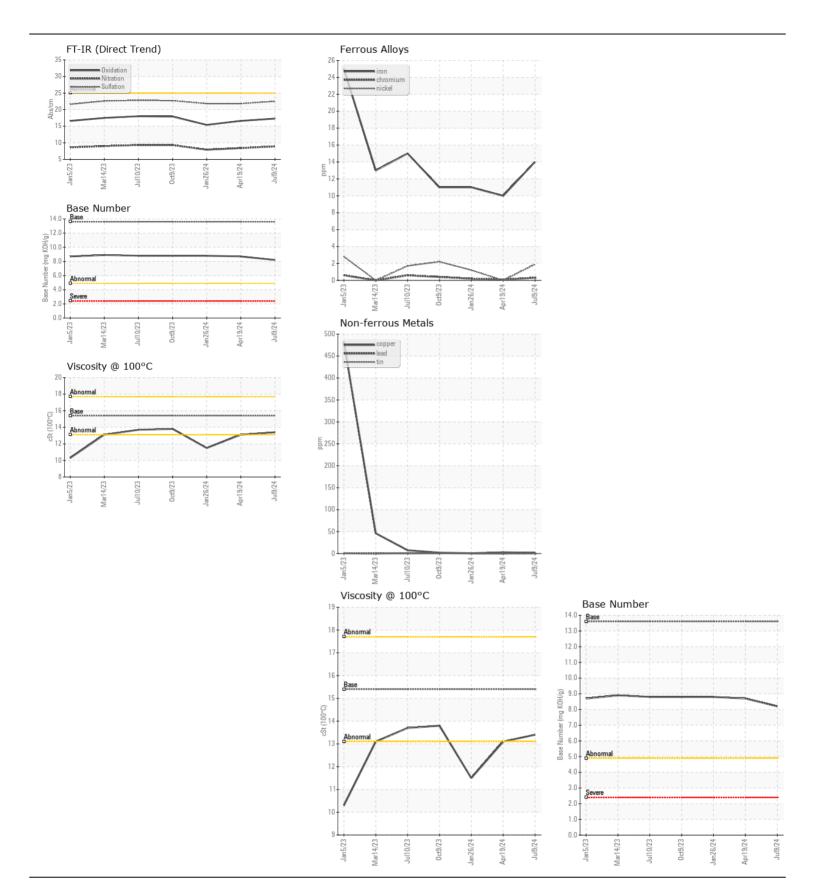
WEAR CONTAMINATION FLUID CONDITION **NORMAL NORMAL NORMAL**

Machine Id

JOHN DEERE 700L 1T0700LXVNF420842

Diesel Engine

	28 GAL)						
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		JR0218473	JR0214750	JR0199256
	Sample Date		Client Info		09 Jul 2024	19 Apr 2024	26 Jan 2024
	Machine Age	hrs	Client Info		3468	2950	2446
	Oil Age	hrs	Client Info		518	504	501
	Filter Age	hrs	Client Info		518	504	501
	Oil Changed		Client Info		Changed	Changed	Changed
	Filter Changed		Client Info		Changed	Changed	Changed
	Sample Status				NORMAL	NORMAL	ATTENTION
WEAR	Iron	ppm	ASTM D5185m	>51	14	10	11
All component wear rates are normal.	Chromium	ppm	ASTM D5185m	>11	<1	<1	<1
	Nickel	ppm	ASTM D5185m	>5	2	0	1
	Titanium	ppm	ASTM D5185m		<1	0	0
	Silver	ppm	ASTM D5185m	>3	<1	0	0
	Aluminum	ppm	ASTM D5185m	>31	5	4	4
	Lead	ppm	ASTM D5185m	>26	<1	0	<1
	Copper	ppm	ASTM D5185m	>26	2	3	<1
	Tin	ppm	ASTM D5185m	>4	<1	<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	6	5
	Potassium	ppm	ASTM D5185m	>20	3	<1	2
There is no indication of any contamination in the oil.	Fuel		WC Method	>2.1	<1.0	<1.0	0.7
	Water		WC Method	>0.21	NEG	NEG	NEG
	Glycol		WC Method		NEG	NEG	NEG
	Soot %	%	*ASTM D7844	>3	0.4	0.3	0.3
	Nitration	Abs/cm	*ASTM D7624	>20	8.9	8.4	7.9
	Sulfation	Abs/.1mm	*ASTM D7415	>30	22.5	21.8	21.8
	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	NORML
	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
	Emulsified Water	scalar	*Visual	>0.21	NEG	NEG	NEG
FLUID CONDITION	Sodium	ppm	ASTM D5185m	>31	<1	3	2
The DNI was distributed that there is a sitable all clinits we recision in the	Boron	ppm	ASTM D5185m		222	246	170
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.	Barium	ppm	ASTM D5185m		0	2	<1
	Molybdenum	ppm	ASTM D5185m		263	217	150
	Manganese	ppm	ASTM D5185m		<1	1	<1
	Magnesium	ppm	ASTM D5185m		827	794	525
	Calcium	ppm	ASTM D5185m		1522	1524	2229
	Phosphorus	ppm	ASTM D5185m		977	913	988
		ppm	ASTM D5185m		1153	1086	1165
	Zinc						
	Zinc Sulfur	ppm	ASTM D5185m		3106	3419	3196
		ppm Abs/.1mm	*ASTM D5185m	>25	3106 17.3	3419 16.6	3196 15.4
	Sulfur	Abs/.1mm	*ASTM D7414				







Certificate L2367

Laboratory Sample No.

Lab Number : 06233073

Unique Number : 11116566 Test Package : CONST (Additional Tests: TBN)

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : JR0218473

Received : 11 Jul 2024 **Tested** Diagnosed

: 11 Jul 2024

: 11 Jul 2024 - Wes Davis

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