



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION

Area
[W68115]

Machine Id
JOHN DEERE 750L 1T0750LXTLF385372

Component
Right Outer Final Drive

Fluid
JOHN DEERE GL-5 80W90 (2 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: W68115)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0219785	JR0188343	JR0155128
Sample Date		Client Info		09 Jul 2024	14 Sep 2023	28 Feb 2023
Machine Age	hrs	Client Info		5584	4551	3972
Oil Age	hrs	Client Info		4490	4036	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	Not Changd	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				ATTENTION	SEVERE	SEVERE

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	22	203	516
Iron	ppm	ASTM D5185m	>750	51	▲ 784	▲ 723
Chromium	ppm	ASTM D5185m	>9	0	4	4
Nickel	ppm	ASTM D5185m	>10	0	8	7
Titanium	ppm	ASTM D5185m		0	11	6
Silver	ppm	ASTM D5185m		0	0	1
Aluminum	ppm	ASTM D5185m	>40	0	● 256	● 140
Lead	ppm	ASTM D5185m	>15	0	<1	<1
Copper	ppm	ASTM D5185m	>40	8	1	1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	<1	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

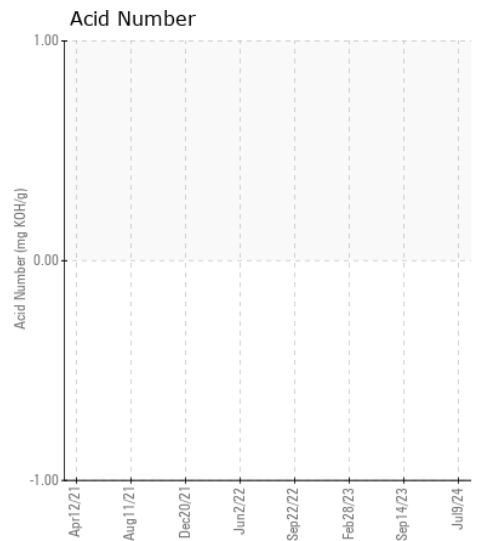
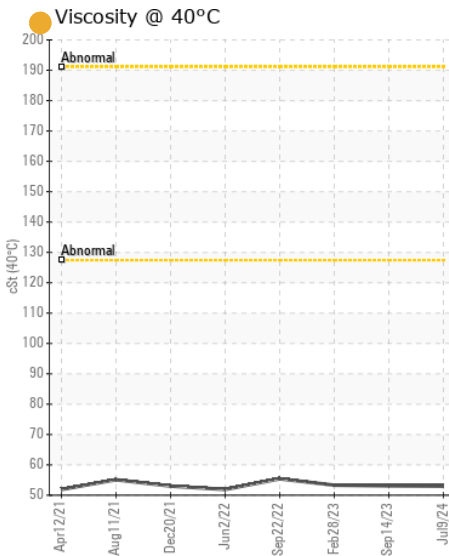
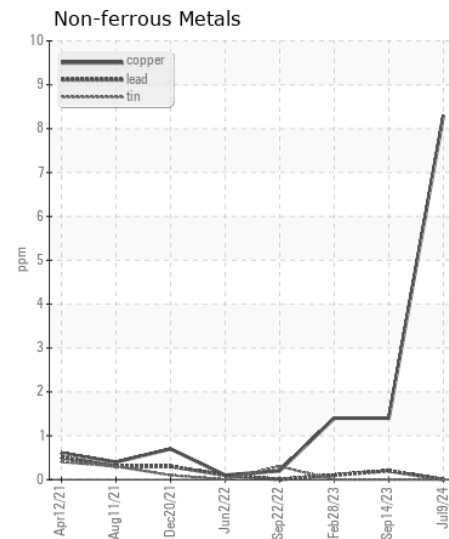
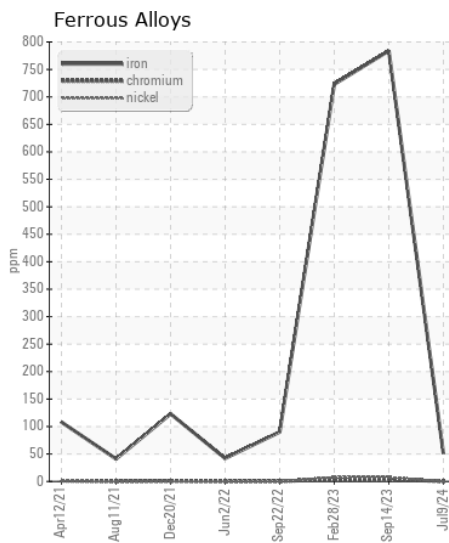
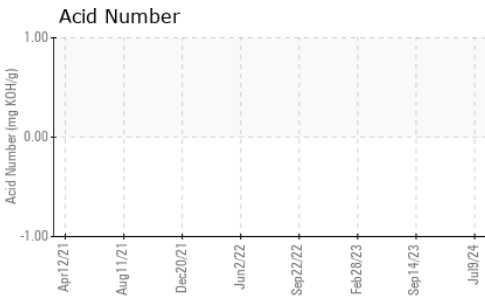
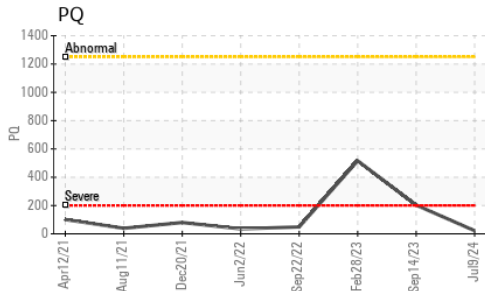
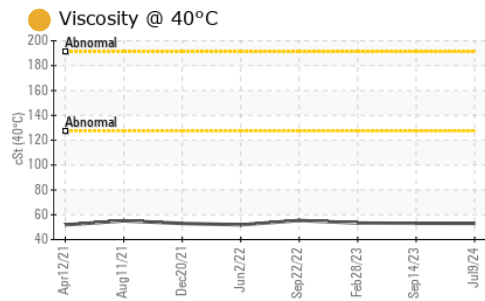
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	2	▲ 601	▲ 325
Potassium	ppm	ASTM D5185m	>20	<1	24	12
Water		WC Method	>0.075	NEG	NEG	NEG
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	>0.075	NEG	NEG	NEG

FLUID CONDITION

The oil viscosity is lower than normal. Confirm oil type.

Sodium	ppm	ASTM D5185m	>51	3	44	17
Boron	ppm	ASTM D5185m		<1	<1	<1
Barium	ppm	ASTM D5185m		<1	0	0
Molybdenum	ppm	ASTM D5185m		1	2	2
Manganese	ppm	ASTM D5185m		<1	8	6
Magnesium	ppm	ASTM D5185m		4	123	104
Calcium	ppm	ASTM D5185m		91	3463	3398
Phosphorus	ppm	ASTM D5185m		607	1007	959
Zinc	ppm	ASTM D5185m		722	1203	1174
Sulfur	ppm	ASTM D5185m		1955	4093	3385
Visc @ 40°C	cSt	ASTM D445		● 53.0	53.1	53.3



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0219785 **Received** : 10 Jul 2024
Lab Number : 06232531 **Tested** : 12 Jul 2024
Unique Number : 11116024 **Diagnosed** : 12 Jul 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ, PrtCount, TAN Man)

JRE - CHARLOTTE
 9550 STATESVILLE ROAD
 CHARLOTTE, NC
 US 28269

Contact: CHARLOTTE SHOP
 myoung@jamesriverequipment.com

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)

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