



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[A35681]

Machine Id

JOHN DEERE 750L 1T0750LXLNF432235

Component

Right Inner Final Drive

Fluid

JOHN DEERE HY-GARD HYD/TRANS (2 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: A35681)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WE0007655	WE0004843	---
Sample Date		Client Info		17 Jun 2024	01 Sep 2023	---
Machine Age	hrs	Client Info		955	495	---
Oil Age	hrs	Client Info		955	495	---
Filter Age	hrs	Client Info		955	495	---
Oil Changed		Client Info		Changed	Not Changed	---
Filter Changed		Client Info		None	Not Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	26	12	---
Iron	ppm	ASTM D5185m	>750	15	12	---
Chromium	ppm	ASTM D5185m	>9	0	0	---
Nickel	ppm	ASTM D5185m	>10	0	0	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	<1	1	---
Lead	ppm	ASTM D5185m	>15	8	8	---
Copper	ppm	ASTM D5185m	>40	2	<1	---
Tin	ppm	ASTM D5185m	>10	0	0	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

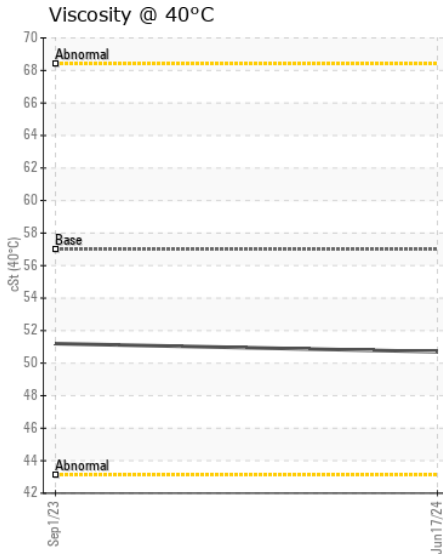
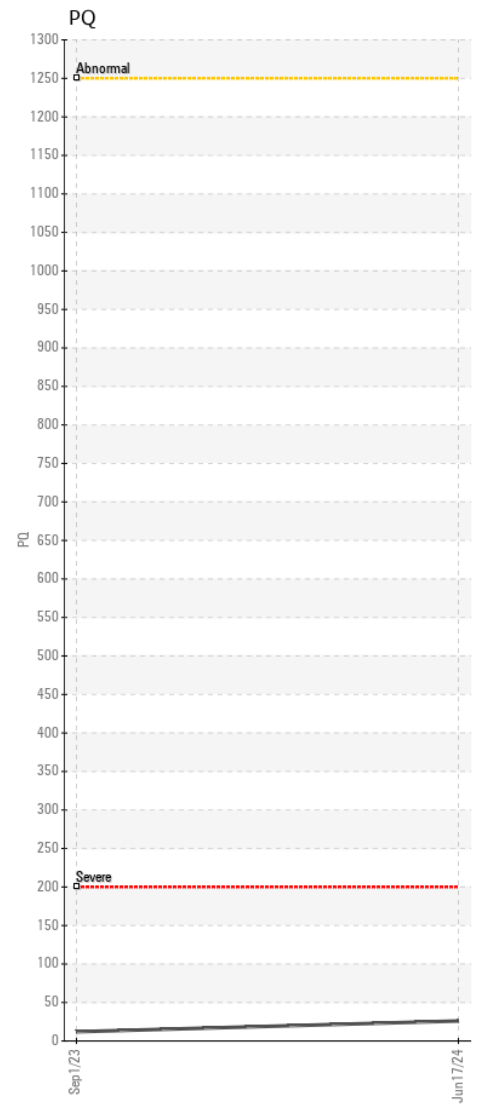
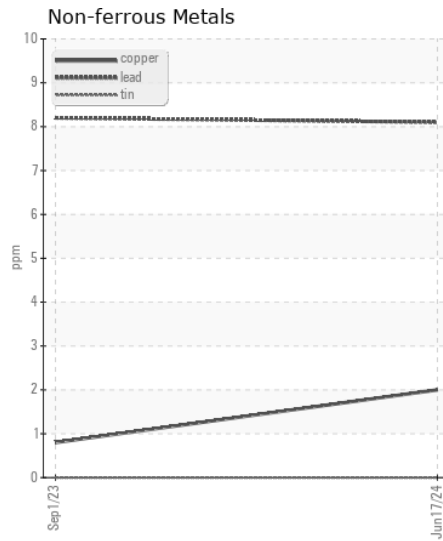
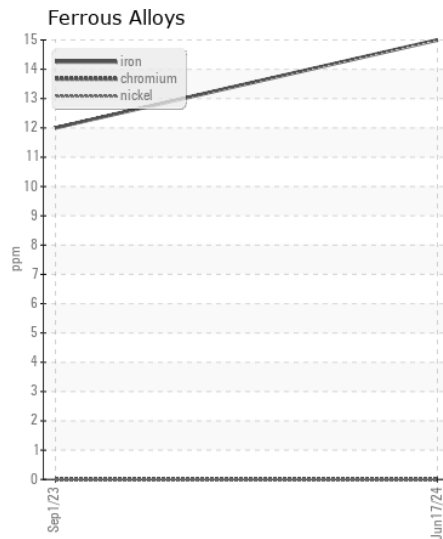
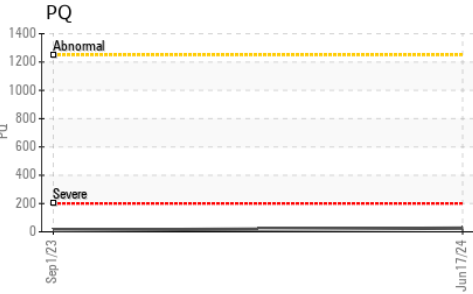
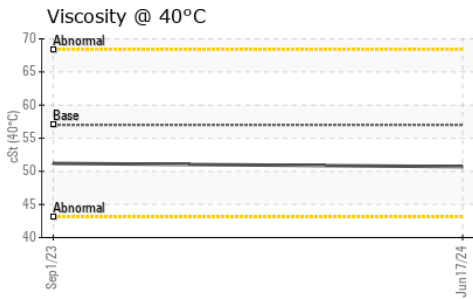
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>75	6	4	---
Potassium	ppm	ASTM D5185m	>20	<1	1	---
Water		WC Method	>0.075	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.075	NEG	NEG	---

FLUID CONDITION

The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	4	0	---
Boron	ppm	ASTM D5185m	6	10	0	---
Barium	ppm	ASTM D5185m	0	<1	3	---
Molybdenum	ppm	ASTM D5185m	0	0	<1	---
Manganese	ppm	ASTM D5185m		1	<1	---
Magnesium	ppm	ASTM D5185m	145	96	97	---
Calcium	ppm	ASTM D5185m	3570	3493	3559	---
Phosphorus	ppm	ASTM D5185m	1290	1013	1025	---
Zinc	ppm	ASTM D5185m	1640	1163	1229	---
Sulfur	ppm	ASTM D5185m		4672	3666	---
Visc @ 40°C	cSt	ASTM D445	57.0	50.7	51.2	---



Certificate L2367

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

Sample No. : WE0007655

Lab Number : 06214995

Unique Number : 11087859

Test Package : CONST (Additional Tests: PQ)

Received : 19 Jun 2024

Tested : 20 Jun 2024

Diagnosed : 21 Jun 2024 - Sean Felton

WARRIOR TRACTOR AND EQUIPMENT - HUNTSVILLE

25135 ONE AVIATION WAY SW

MADISON, AL

US 35756

Contact: HERBERT STONE

WTE013@WARRIORTRACTOR.COM

T:

F:

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)