



OIL ANALYSIS REPORT

WEAR
CONTAMINATION
FLUID CONDITION

ATTENTION
ABNORMAL
NORMAL

Area

[A35681]

Machine Id

JOHN DEERE 750L 1T0750LXLNF432235

Component

Left Outer Final Drive

Fluid

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

RECOMMENDATION

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. (Customer Sample Comment: A35681)

WEAR

All component wear rates are normal.

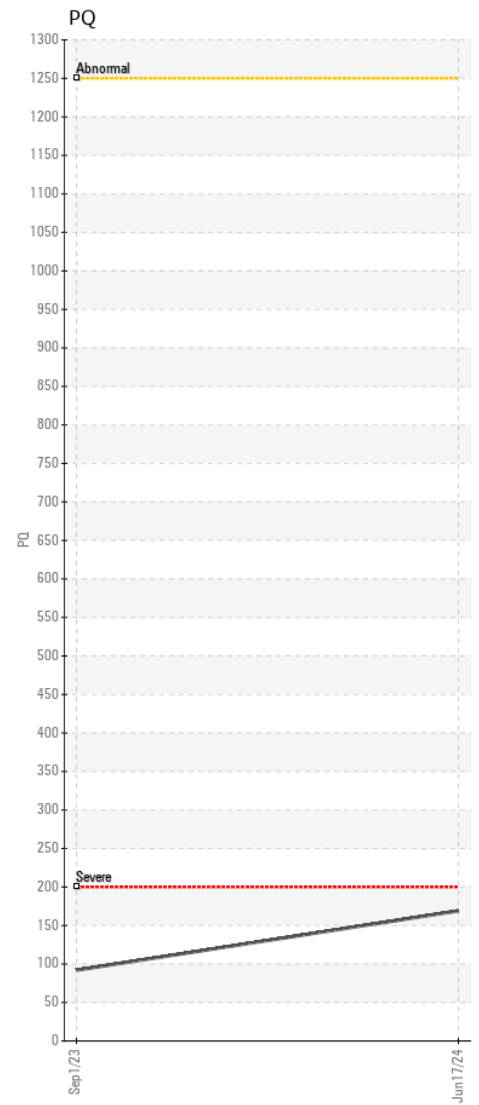
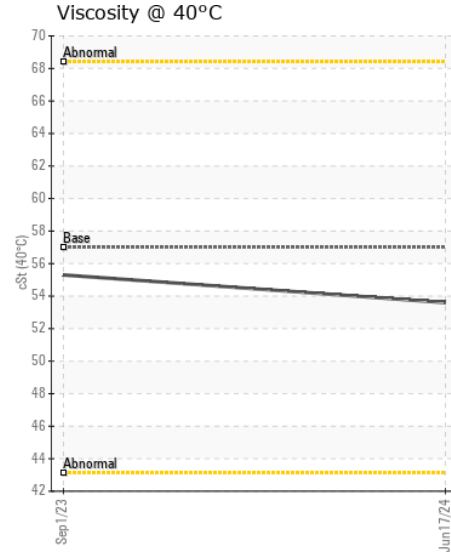
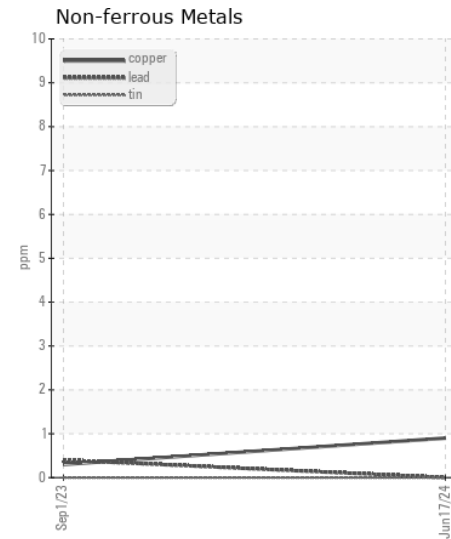
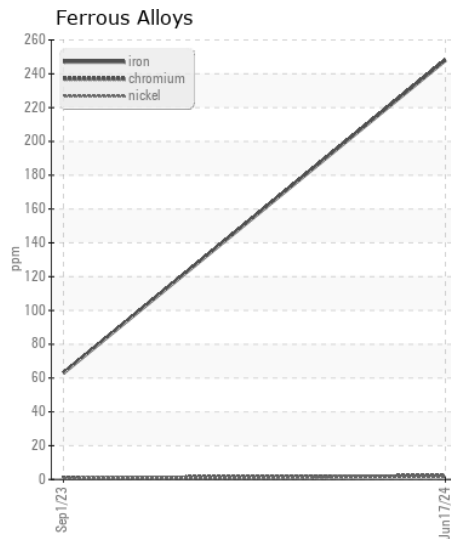
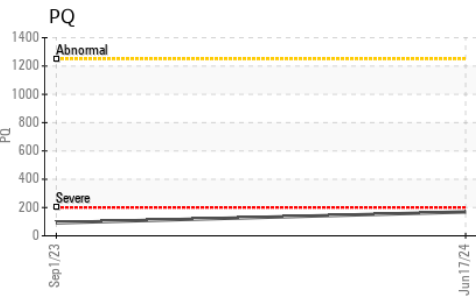
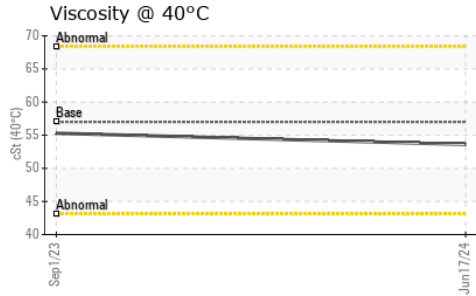
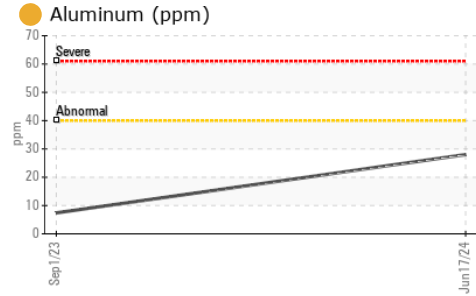
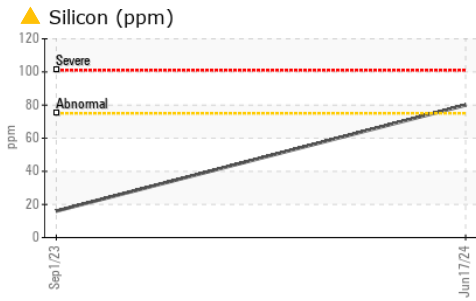
CONTAMINATION

Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WE0007622	WE0004850	---
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	N/A	---
Filter Changed		Client Info		None	N/A	---
Sample Status				ABNORMAL	NORMAL	---
PQ		ASTM D8184	>1250	169	92	---
Iron	ppm	ASTM D5185m	>750	248	63	---
Chromium	ppm	ASTM D5185m	>9	2	<1	---
Nickel	ppm	ASTM D5185m	>10	2	<1	---
Titanium	ppm	ASTM D5185m		2	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	28	7	---
Lead	ppm	ASTM D5185m	>15	0	<1	---
Copper	ppm	ASTM D5185m	>40	<1	<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	---
Silicon	ppm	ASTM D5185m	>75	80	16	---
Potassium	ppm	ASTM D5185m	>20	2	2	---
Water		WC Method	>0.075	NEG	NEG	---
Silt	scalar	*Visual	NONE	MODER	LIGHT	---
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	---
Sodium	ppm	ASTM D5185m	>51	4	0	---
Boron	ppm	ASTM D5185m	6	1	0	---
Barium	ppm	ASTM D5185m	0	1	3	---
Molybdenum	ppm	ASTM D5185m	0	<1	<1	---
Manganese	ppm	ASTM D5185m		3	<1	---
Magnesium	ppm	ASTM D5185m	145	106	98	---
Calcium	ppm	ASTM D5185m	3570	3587	3472	---
Phosphorus	ppm	ASTM D5185m	1290	1022	1004	---
Zinc	ppm	ASTM D5185m	1640	1218	1223	---
Sulfur	ppm	ASTM D5185m		4153	3719	---
Visc @ 40°C	cSt	ASTM D445	57.0	53.6	55.3	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WE0007622
Lab Number : 06214998
Unique Number : 11087862
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

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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F: