



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[W9131]

Machine Id

JOHN DEERE 750L 1DW750LXANF429592

Component

Left Outer Final Drive

Fluid

JOHN DEERE HY-GARD HYD/TRANS (4 GAL)

RECOMMENDATION

Resample at the next service interval to monitor. ( Customer Sample Comment: W9131 )

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0197113	JR0197197	---
Sample Date		Client Info		01 Jul 2024	19 Apr 2024	---
Machine Age	hrs	Client Info		3496	2968	---
Oil Age	hrs	Client Info		528	2968	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Chngd	Changed	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	ABNORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	71	219	---
Iron	ppm	ASTM D5185m	>750	65	262	---
Chromium	ppm	ASTM D5185m	>9	0	1	---
Nickel	ppm	ASTM D5185m	>10	<1	0	---
Titanium	ppm	ASTM D5185m		<1	1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	8	21	---
Lead	ppm	ASTM D5185m	>15	0	0	---
Copper	ppm	ASTM D5185m	>40	0	1	---
Tin	ppm	ASTM D5185m	>10	<1	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

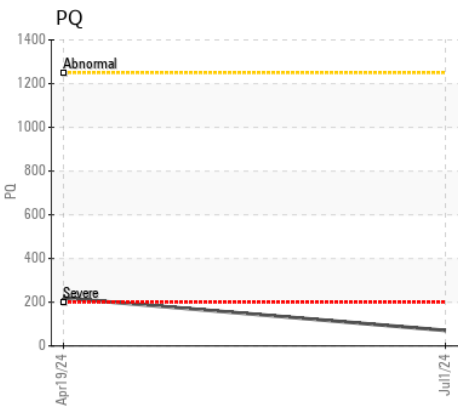
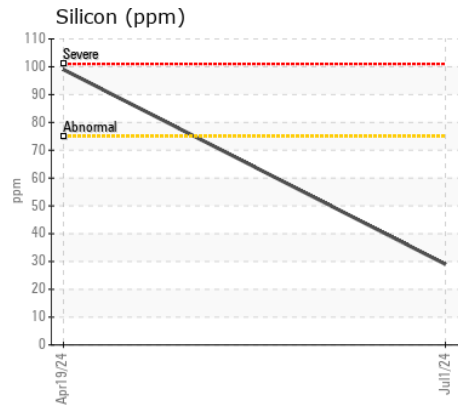
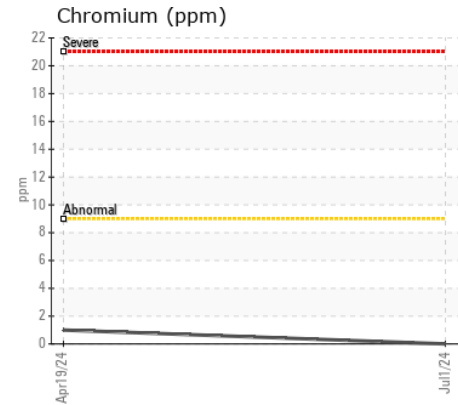
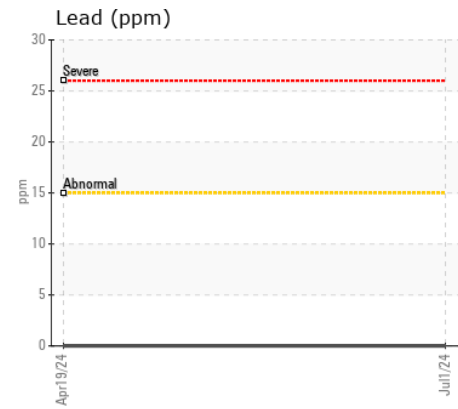
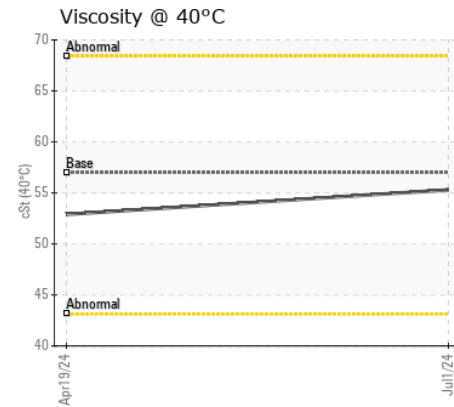
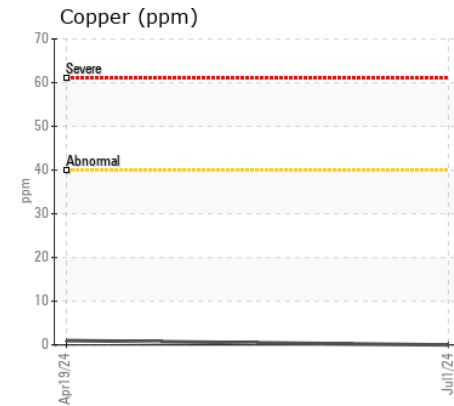
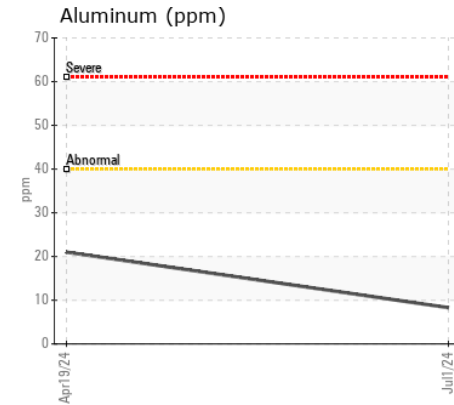
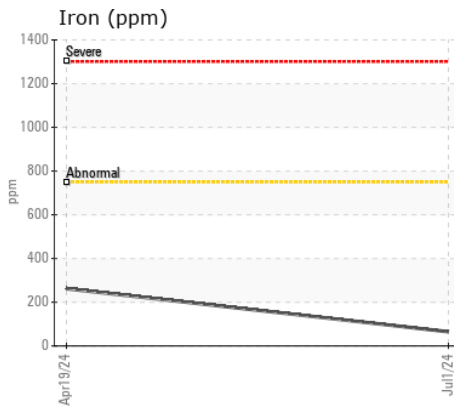
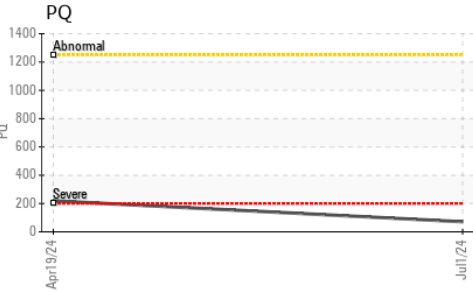
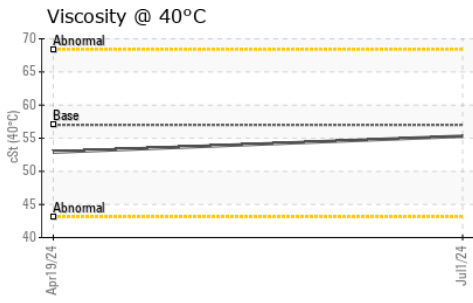
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>75	29	99	---
Potassium	ppm	ASTM D5185m	>20	1	3	---
Water		WC Method	>0.075	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	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	0.2%	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	3	<1	---
Boron	ppm	ASTM D5185m	6	2	6	---
Barium	ppm	ASTM D5185m	0	0	0	---
Molybdenum	ppm	ASTM D5185m	0	0	5	---
Manganese	ppm	ASTM D5185m		1	3	---
Magnesium	ppm	ASTM D5185m	145	102	126	---
Calcium	ppm	ASTM D5185m	3570	3420	3653	---
Phosphorus	ppm	ASTM D5185m	1290	1010	1082	---
Zinc	ppm	ASTM D5185m	1640	1219	1286	---
Sulfur	ppm	ASTM D5185m		3931	4151	---
Visc @ 40°C	cSt	ASTM D445	57.0	55.3	52.9	---



Certificate L2367

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

Sample No. : JR0197113

Lab Number : 06226479

Unique Number : 11109972

Test Package : MOBCE ( Additional Tests: PQ )

Received : 02 Jul 2024

Tested : 03 Jul 2024

Diagnosed : 05 Jul 2024 - Don Baldridge

JRE - HOPE MILLS/FAYETTEVILLE

5039 HWY 301 SOUTH

HOPE MILLS, NC

US 28348

Contact: FAYETTEVILLE SHOP

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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: