



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[05W46692]

Machine Id

JOHN DEERE 410L 1T0410LXEMF398507

Component

Transmission (Manual)

Fluid

JOHN DEERE HY-GARD HYD/TRANS (16 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0217783	JR0176047	---
Sample Date		Client Info		21 May 2024	26 Jun 2023	---
Machine Age	hrs	Client Info		1467	940	---
Oil Age	hrs	Client Info		500	940	---
Filter Age	hrs	Client Info		500	0	---
Oil Changed		Client Info		Not Changd	N/A	---
Filter Changed		Client Info		Not Changd	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	18	18	---
Iron	ppm	ASTM D5185m	>200	16	24	---
Chromium	ppm	ASTM D5185m	>5	<1	0	---
Nickel	ppm	ASTM D5185m	>5	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m	>7	<1	0	---
Aluminum	ppm	ASTM D5185m	>25	4	3	---
Lead	ppm	ASTM D5185m	>45	1	<1	---
Copper	ppm	ASTM D5185m	>225	30	18	---
Tin	ppm	ASTM D5185m	>10	<1	0	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

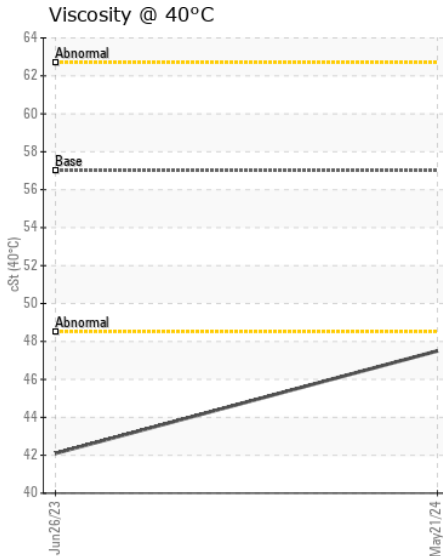
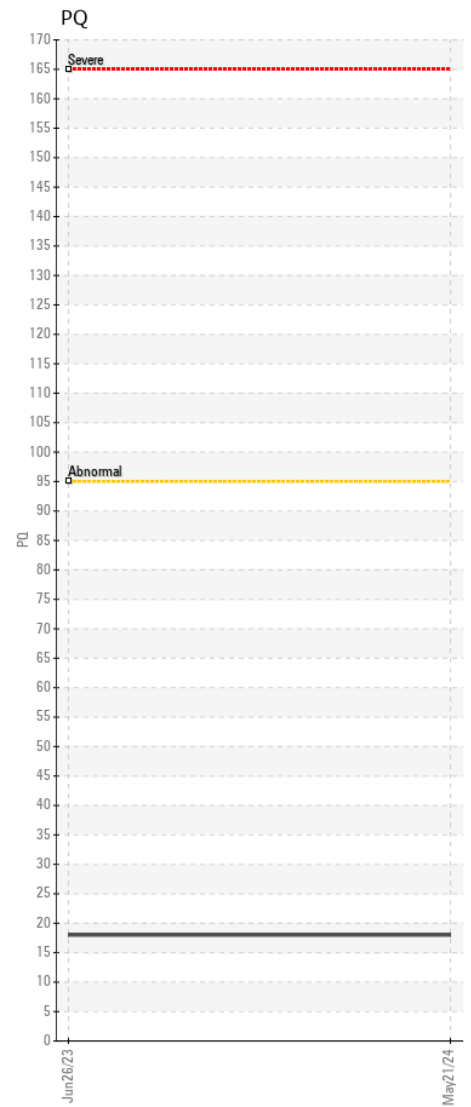
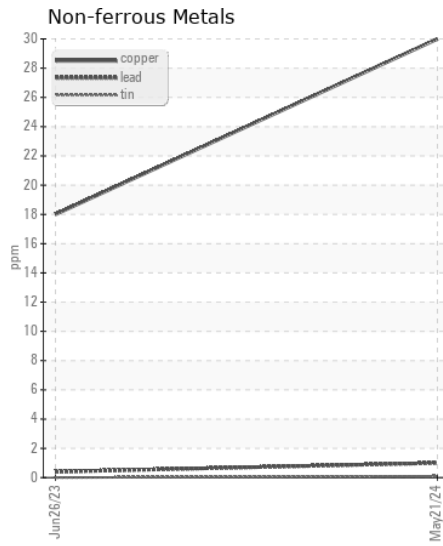
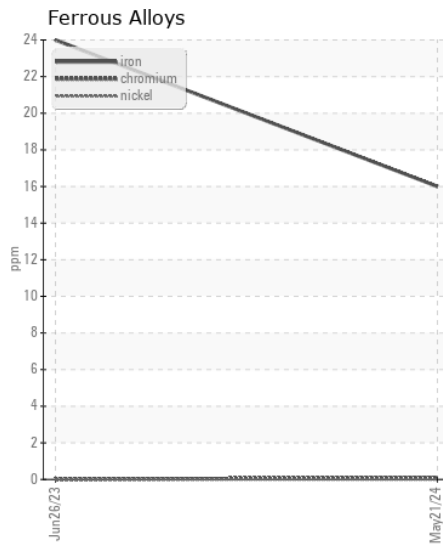
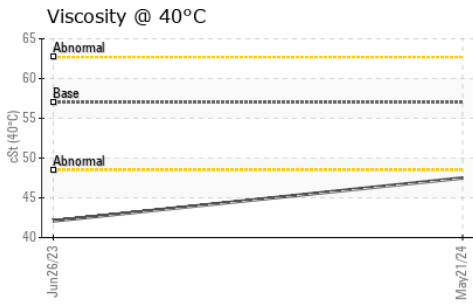
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	5	6	---
Potassium	ppm	ASTM D5185m	>20	<1	5	---
Water		WC Method	>0.1	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	>0.1	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		7	4	---
Boron	ppm	ASTM D5185m	6	6	18	---
Barium	ppm	ASTM D5185m	0	<1	<1	---
Molybdenum	ppm	ASTM D5185m	0	2	0	---
Manganese	ppm	ASTM D5185m		1	2	---
Magnesium	ppm	ASTM D5185m	145	97	88	---
Calcium	ppm	ASTM D5185m	3570	3490	3873	---
Phosphorus	ppm	ASTM D5185m	1290	976	1146	---
Zinc	ppm	ASTM D5185m	1640	1199	1410	---
Sulfur	ppm	ASTM D5185m		3730	4240	---
Visc @ 40°C	cSt	ASTM D445	57.0	47.5	42.1	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0217783 **Received** : 22 May 2024
Lab Number : 06188261 **Tested** : 24 May 2024
Unique Number : 11045013 **Diagnosed** : 24 May 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

JRE - MANASSAS PARK
 9107 OWENS DRIVE
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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)