



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 410L 1T0410LXCNF419673
 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		JR0214455	JR0174811	---
Sample Date		Client Info		08 May 2024	25 May 2023	---
Machine Age	hrs	Client Info		970	491	---
Oil Age	hrs	Client Info		970	491	---
Filter Age	hrs	Client Info		970	491	---
Oil Changed		Client Info		Changed	Not Changed	---
Filter Changed		Client Info		Changed	Not Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	17	16	---
Iron	ppm	ASTM D5185m	>200	28	18	---
Chromium	ppm	ASTM D5185m	>5	<1	0	---
Nickel	ppm	ASTM D5185m	>5	<1	0	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m	>7	0	0	---
Aluminum	ppm	ASTM D5185m	>25	8	5	---
Lead	ppm	ASTM D5185m	>45	2	0	---
Copper	ppm	ASTM D5185m	>225	25	20	---
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

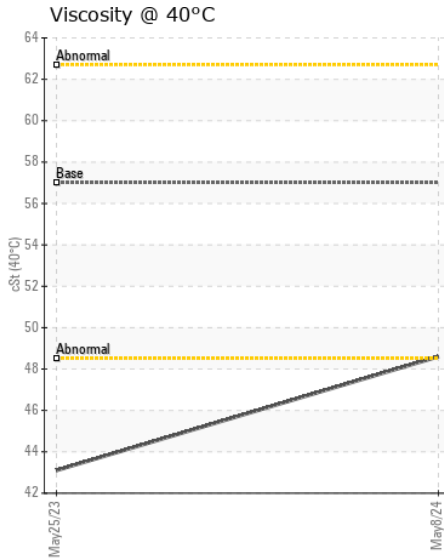
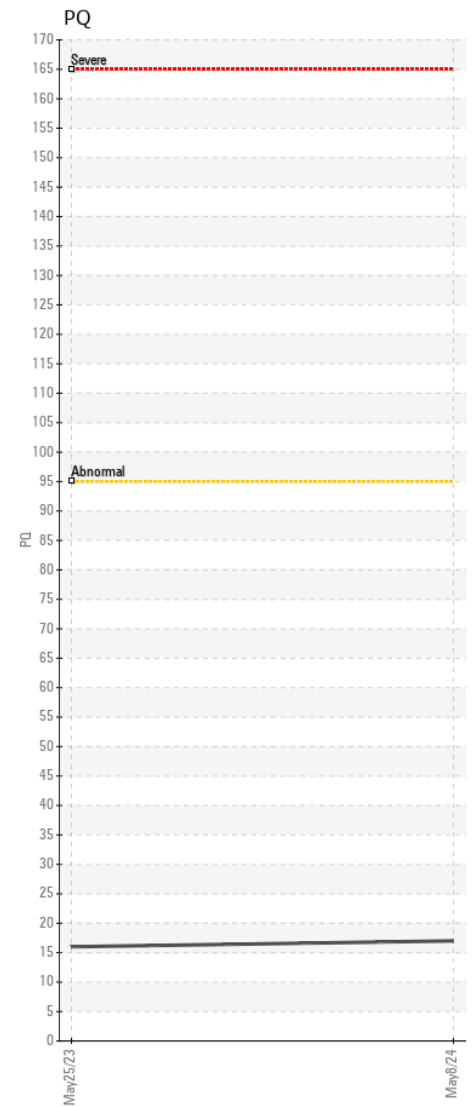
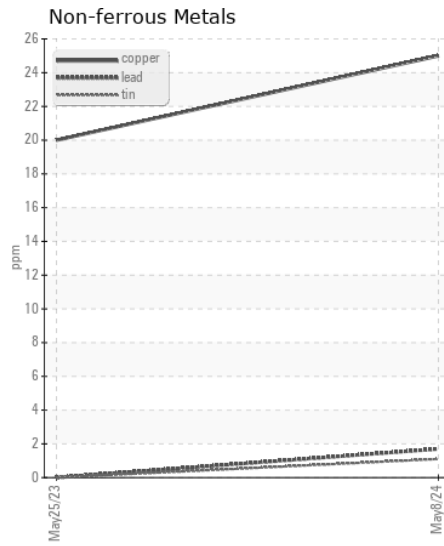
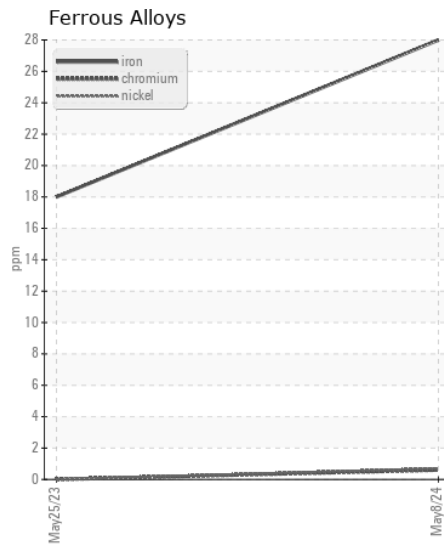
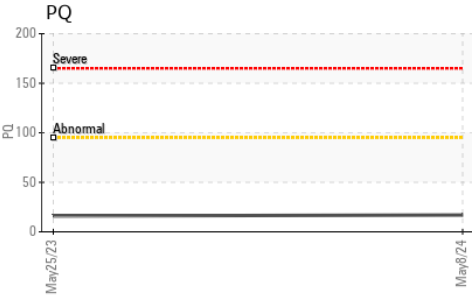
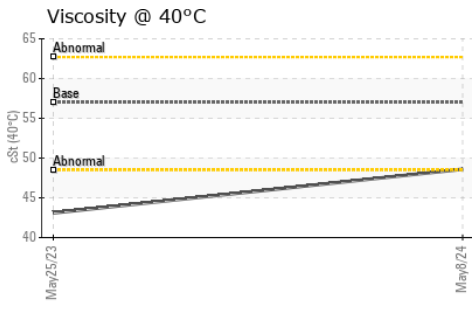
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	7	6	---
Potassium	ppm	ASTM D5185m	>20	5	1	---
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		3	7	---
Boron	ppm	ASTM D5185m	6	18	18	---
Barium	ppm	ASTM D5185m	0	0	0	---
Molybdenum	ppm	ASTM D5185m	0	1	0	---
Manganese	ppm	ASTM D5185m		3	1	---
Magnesium	ppm	ASTM D5185m	145	81	86	---
Calcium	ppm	ASTM D5185m	3570	3183	3411	---
Phosphorus	ppm	ASTM D5185m	1290	1040	1014	---
Zinc	ppm	ASTM D5185m	1640	1230	1277	---
Sulfur	ppm	ASTM D5185m		3897	4169	---
Visc @ 40°C	cSt	ASTM D445	57.0	48.6	43.1	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0214455 **Received** : 09 May 2024
Lab Number : 06174095 **Tested** : 10 May 2024
Unique Number : 11020148 **Diagnosed** : 10 May 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

JRE - MANASSAS PARK
 9107 OWENS DRIVE
 MANASSAS PARK, VA
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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)