



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area

[05W47448]

Machine Id

JOHN DEERE 1T0700LXTRF460773

Component

Right Final Drive

Fluid

JOHN DEERE HY-GARD HYD/TRANS (10 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0218640	JR0210977	---
Sample Date		Client Info		14 Jun 2024	29 Mar 2024	---
Machine Age	hrs	Client Info		993	486	---
Oil Age	hrs	Client Info		993	486	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	77	118	---
Iron	ppm	ASTM D5185m	>750	93	79	---
Chromium	ppm	ASTM D5185m	>9	2	2	---
Nickel	ppm	ASTM D5185m	>10	<1	1	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	2	2	---
Lead	ppm	ASTM D5185m	>15	0	1	---
Copper	ppm	ASTM D5185m	>40	3	1	---
Tin	ppm	ASTM D5185m	>10	0	1	---
Vanadium	ppm	ASTM D5185m		0	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

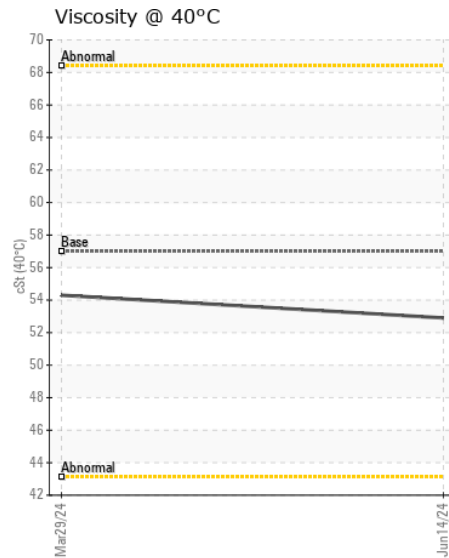
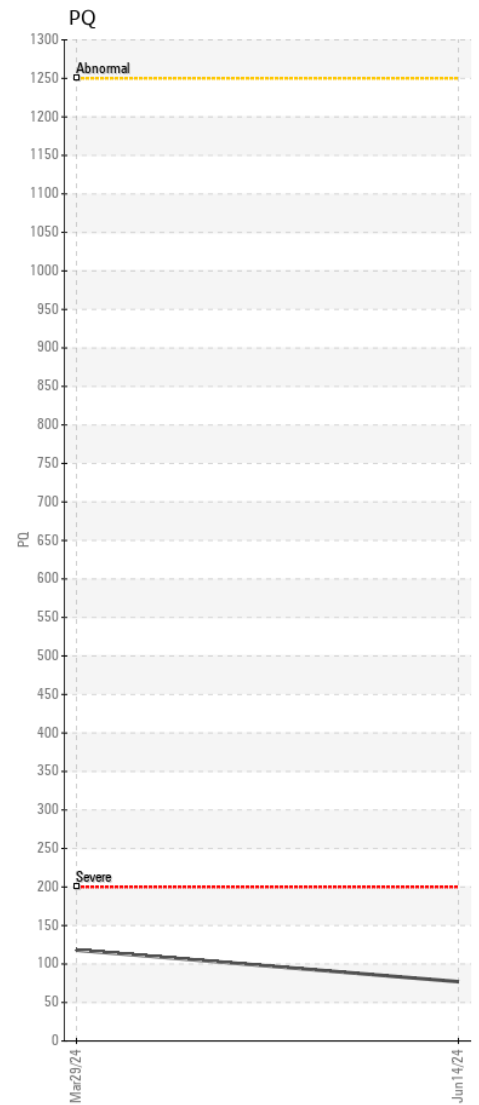
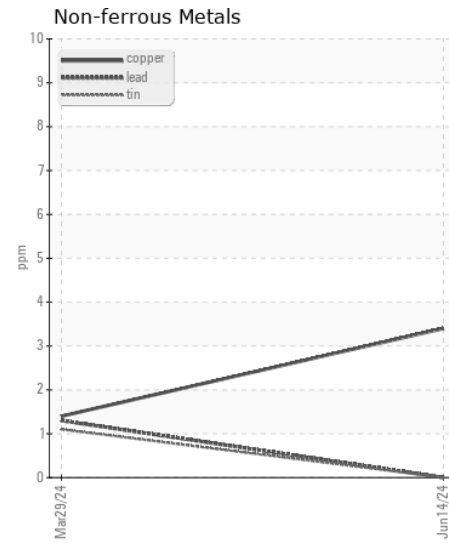
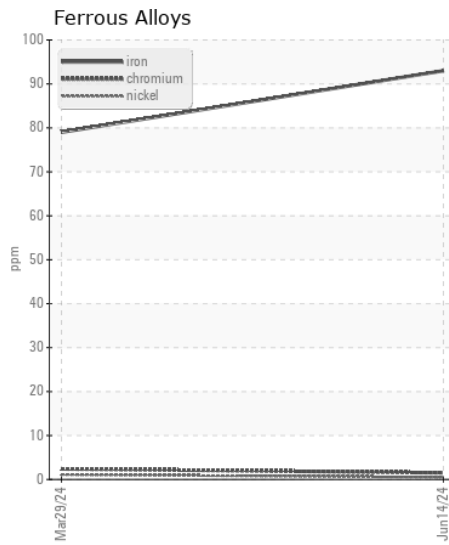
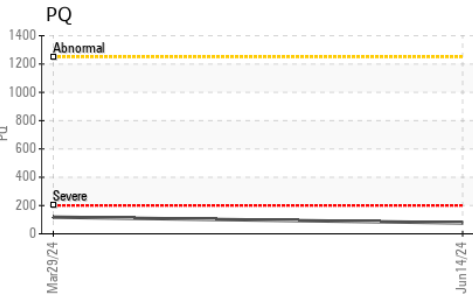
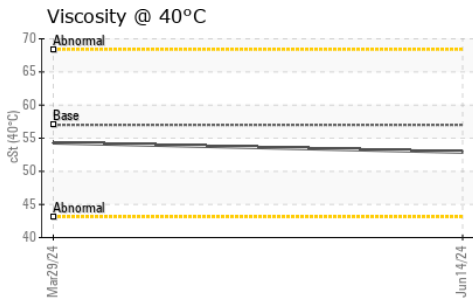
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	30	25	---
Potassium	ppm	ASTM D5185m	>20	3	4	---
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 oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>51	3	<1	---
Boron	ppm	ASTM D5185m	6	4	3	---
Barium	ppm	ASTM D5185m	0	<1	0	---
Molybdenum	ppm	ASTM D5185m	0	0	1	---
Manganese	ppm	ASTM D5185m		3	3	---
Magnesium	ppm	ASTM D5185m	145	103	97	---
Calcium	ppm	ASTM D5185m	3570	3518	3415	---
Phosphorus	ppm	ASTM D5185m	1290	1075	1035	---
Zinc	ppm	ASTM D5185m	1640	1266	1212	---
Sulfur	ppm	ASTM D5185m		4500	4512	---
Visc @ 40°C	cSt	ASTM D445	57.0	52.9	54.3	---



Certificate L2367

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

Sample No. : JR0218640

Lab Number : 06212067

Unique Number : 11084931

Test Package : CONST (Additional Tests: PQ)

Received : 17 Jun 2024

Tested : 18 Jun 2024

Diagnosed : 18 Jun 2024 - Wes Davis

CWS-STRITTMATTER

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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)