



WEAR	SEVERE
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[W68113]

Machine Id
C350E310336

Component
Swing Drive

Fluid
JOHN DEERE GL-5 80W90 (3 GAL)

RECOMMENDATION

The oil change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. (Customer Sample Comment: W68113)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0219742	JR0206692	---
Sample Date		Client Info		25 Jun 2024	11 Apr 2024	---
Machine Age	hrs	Client Info		8800	8473	---
Oil Age	hrs	Client Info		327	8473	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				SEVERE	NORMAL	---

WEAR

Gear wear is indicated.

PQ		ASTM D8184		20	13	---
Iron	ppm	ASTM D5185m	>400	▲ 1483	12	---
Chromium	ppm	ASTM D5185m	>10	▲ 12	<1	---
Nickel	ppm	ASTM D5185m	>10	1	<1	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	3	3	---
Lead	ppm	ASTM D5185m	>50	<1	<1	---
Copper	ppm	ASTM D5185m	>200	63	3	---
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

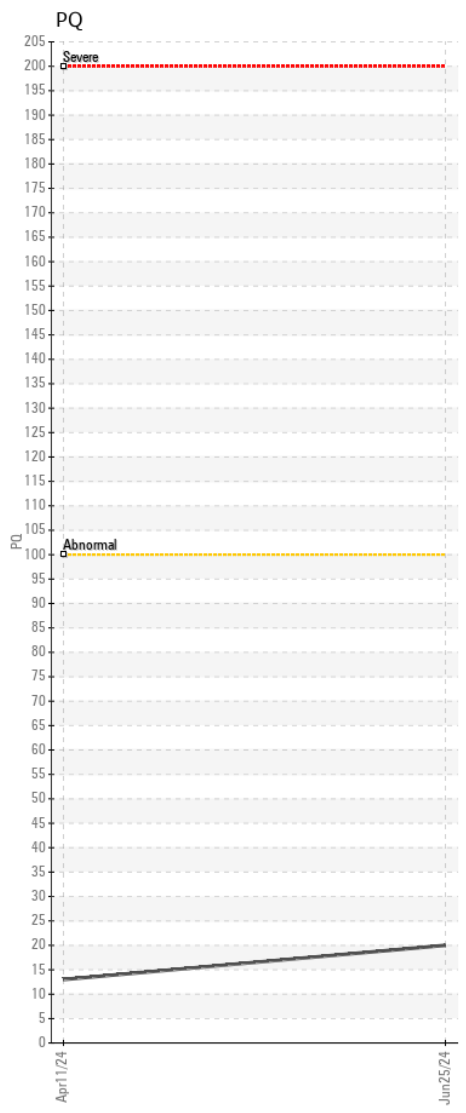
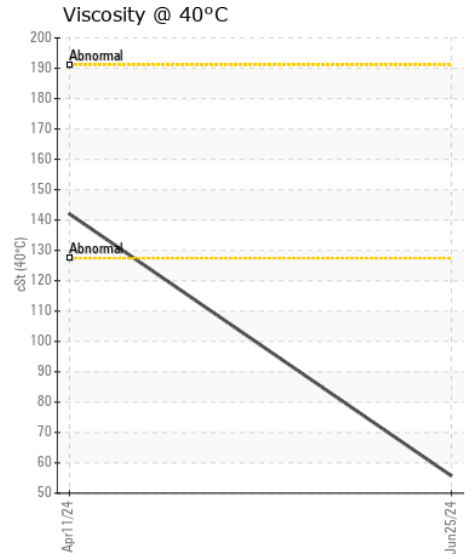
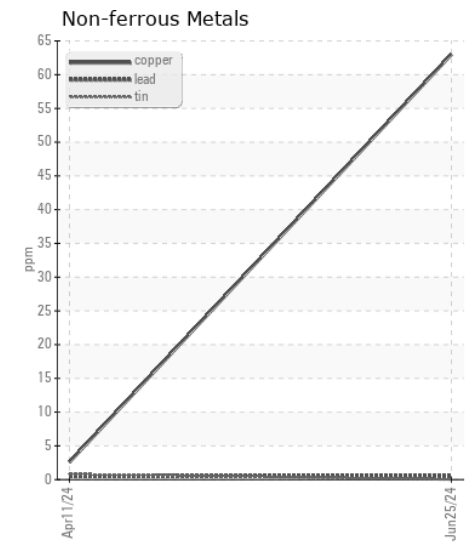
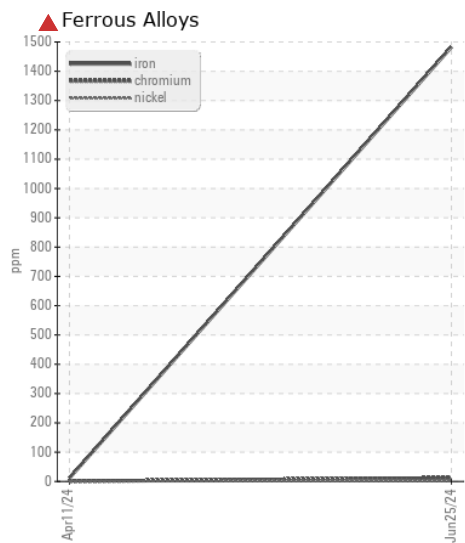
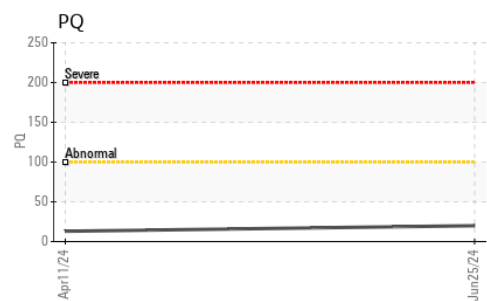
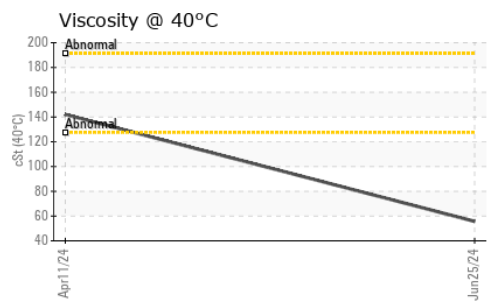
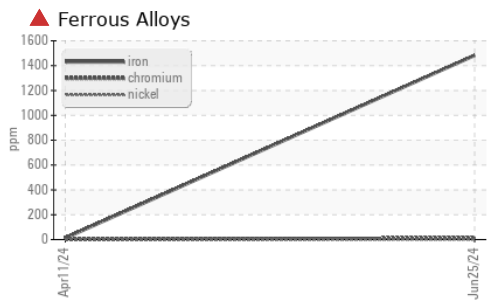
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	20	3	---
Potassium	ppm	ASTM D5185m	>20	2	1	---
Water		WC Method	>0.2	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	>0.2	NEG	NEG	---

FLUID CONDITION

The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Sodium	ppm	ASTM D5185m		0	1	---
Boron	ppm	ASTM D5185m		107	<1	---
Barium	ppm	ASTM D5185m		<1	1	---
Molybdenum	ppm	ASTM D5185m		2	2	---
Manganese	ppm	ASTM D5185m		11	<1	---
Magnesium	ppm	ASTM D5185m		7	10	---
Calcium	ppm	ASTM D5185m		90	86	---
Phosphorus	ppm	ASTM D5185m		2163	341	---
Zinc	ppm	ASTM D5185m		73	28	---
Sulfur	ppm	ASTM D5185m		27923	19468	---
Visc @ 40°C	cSt	ASTM D445		55.7	142	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0219742
Lab Number : 06221463
Unique Number : 11099660
Test Package : CONST (Additional Tests: PQ)

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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)