



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area  
**{unassigned} [151252]**  
Machine Id  
**JOHN DEERE 350G 1FF350GXVKF813504**  
Component  
**Left Propel Gearbox**  
Fluid  
**JOHN DEERE GL-5 80W90 (2 GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		LEC0043525	LEC0003474	---
Sample Date		Client Info		22 May 2024	13 Jul 2020	---
Machine Age	hrs	Client Info		3002	1659	---
Oil Age	hrs	Client Info		0	500	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changed	Changed	---
Filter Changed		Client Info		Not Changed	N/A	---
Sample Status				NORMAL	NORMAL	---

## WEAR

All component wear rates are normal.

PQ		ASTM D8184		91	78	---
Iron	ppm	ASTM D5185m	>1250	89	108	---
Chromium	ppm	ASTM D5185m	>10	<1	2	---
Nickel	ppm	ASTM D5185m	>10	<1	<1	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m		7	15	---
Lead	ppm	ASTM D5185m		<1	0	---
Copper	ppm	ASTM D5185m		0	<1	---
Tin	ppm	ASTM D5185m		<1	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

## CONTAMINATION

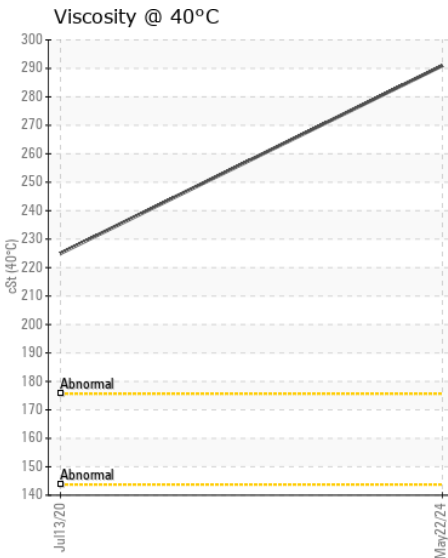
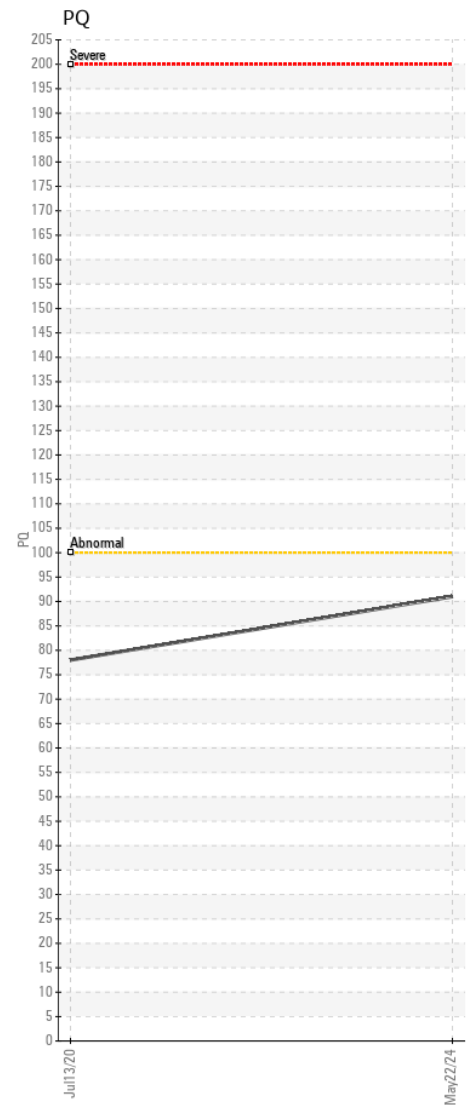
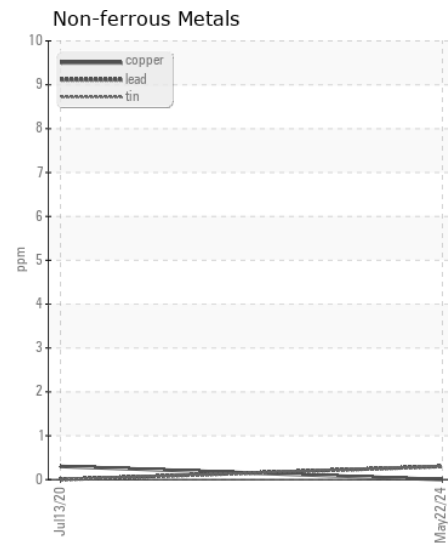
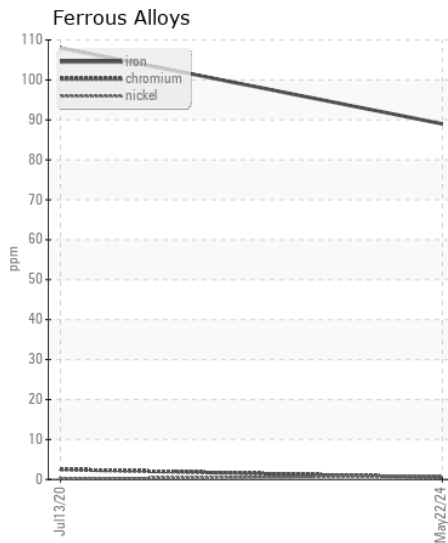
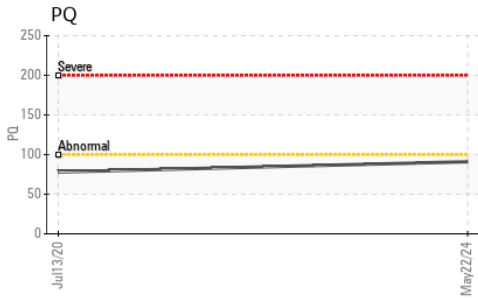
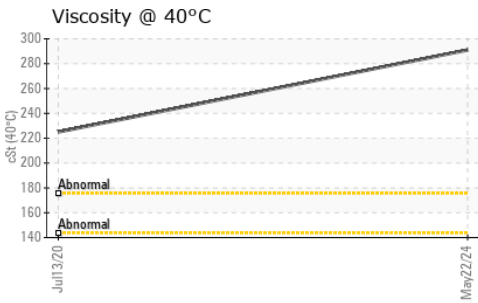
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m		33	42	---
Potassium	ppm	ASTM D5185m	>20	4	5	---
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 condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		2	<1	---
Boron	ppm	ASTM D5185m		214	188	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		0	0	---
Manganese	ppm	ASTM D5185m		1	2	---
Magnesium	ppm	ASTM D5185m		3	1	---
Calcium	ppm	ASTM D5185m		31	11	---
Phosphorus	ppm	ASTM D5185m		1209	1250	---
Zinc	ppm	ASTM D5185m		6	8	---
Sulfur	ppm	ASTM D5185m		29492	32032	---
Visc @ 40°C	cSt	ASTM D445		291	225	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC0043525 **Received** : 24 May 2024  
**Lab Number** : \*06190769 **Tested** : 29 May 2024  
**Unique Number** : 11047521 **Diagnosed** : 29 May 2024 - Sean Felton  
**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)