



Area  
**[W66865]**  
 Machine Id  
**JOHN DEERE 350GLC 814412**  
 Component  
**Rear Right Pump Drive**  
 Fluid  
**JOHN DEERE ENGINE OIL PLUS 50 II 15W40 (2 QTS)**

### RECOMMENDATION

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. ( Customer Sample Comment: W66865 )

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0215015	---	---
Sample Date		Client Info		07 May 2024	---	---
Machine Age	hrs	Client Info		5320	---	---
Oil Age	hrs	Client Info		5320	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---

### WEAR

All component wear rates are normal.

PQ		ASTM D8184		23	---	---
Iron	ppm	ASTM D5185m	>151	111	---	---
Chromium	ppm	ASTM D5185m	>11	2	---	---
Nickel	ppm	ASTM D5185m	>10	0	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>21	10	---	---
Lead	ppm	ASTM D5185m	>51	0	---	---
Copper	ppm	ASTM D5185m	>51	<1	---	---
Tin	ppm	ASTM D5185m	>4	0	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

### CONTAMINATION

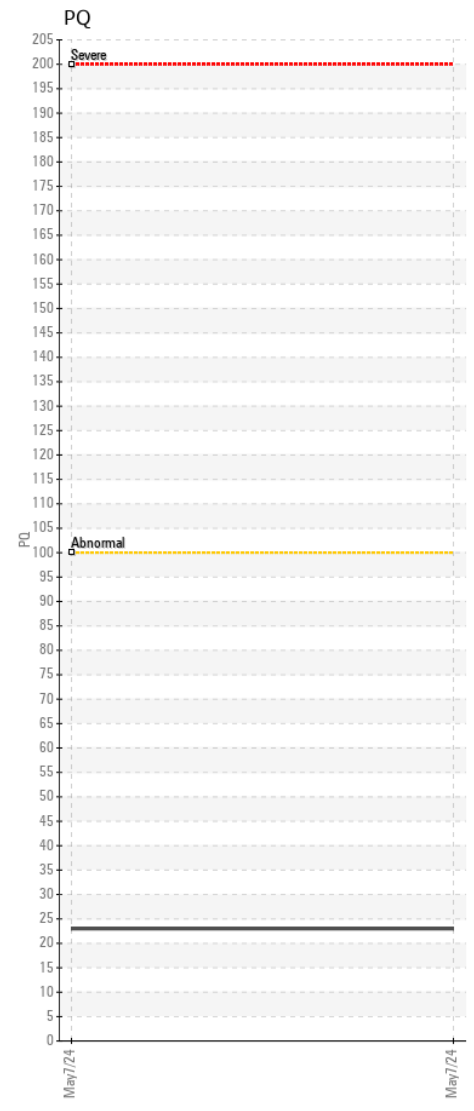
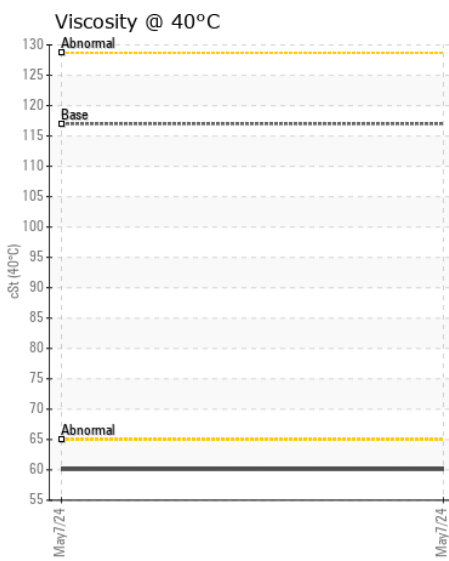
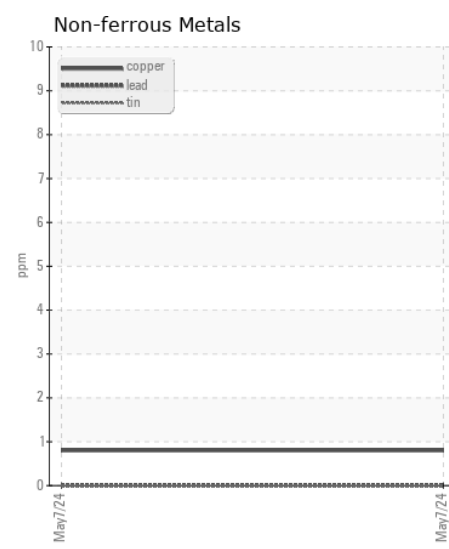
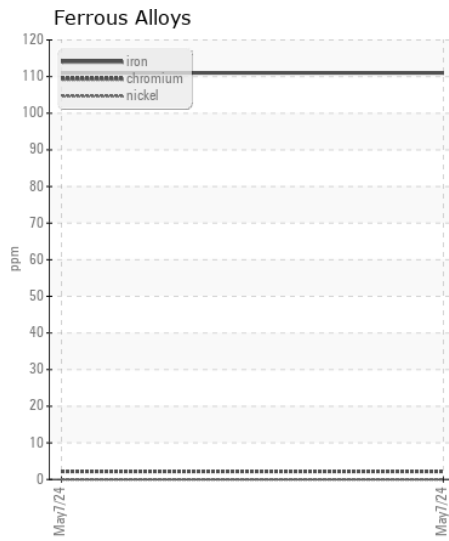
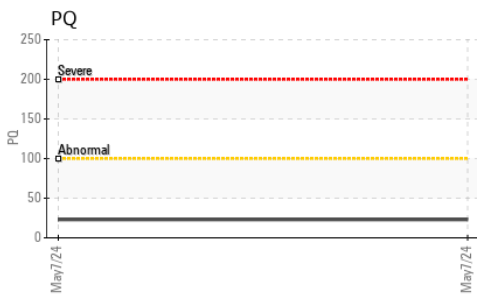
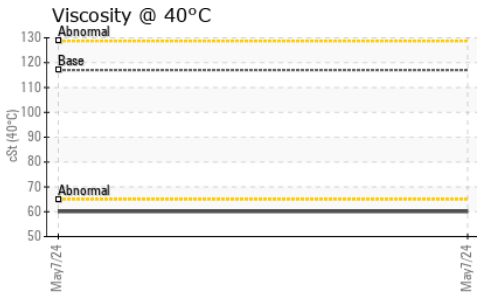
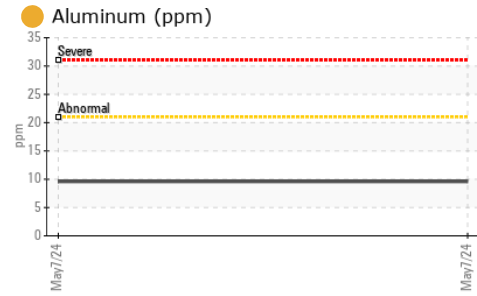
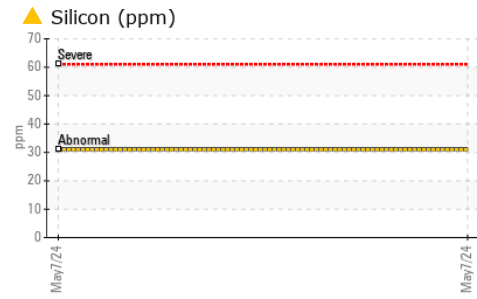
Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress.

Silicon	ppm	ASTM D5185m	>31	31	---	---
Potassium	ppm	ASTM D5185m	>20	4	---	---
Water		WC Method	>0.1	NEG	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.1	NEG	---	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	2	---	---
Boron	ppm	ASTM D5185m		301	---	---
Barium	ppm	ASTM D5185m		<1	---	---
Molybdenum	ppm	ASTM D5185m		227	---	---
Manganese	ppm	ASTM D5185m		2	---	---
Magnesium	ppm	ASTM D5185m		695	---	---
Calcium	ppm	ASTM D5185m		1448	---	---
Phosphorus	ppm	ASTM D5185m		1029	---	---
Zinc	ppm	ASTM D5185m		998	---	---
Sulfur	ppm	ASTM D5185m		3177	---	---
Visc @ 40°C	cSt	ASTM D445	117	60.1	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0215015 **Received** : 10 May 2024  
**Lab Number** : 06175775 **Tested** : 13 May 2024  
**Unique Number** : 11021828 **Diagnosed** : 14 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)