



Machine Id  
**JOHN DEERE 350G 1FF350GXJLF814442**  
 Component  
**Pump Drive**  
 Fluid  
**SAE 90 (--- GAL)**

### 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.

### WEAR

All component wear rates are normal.

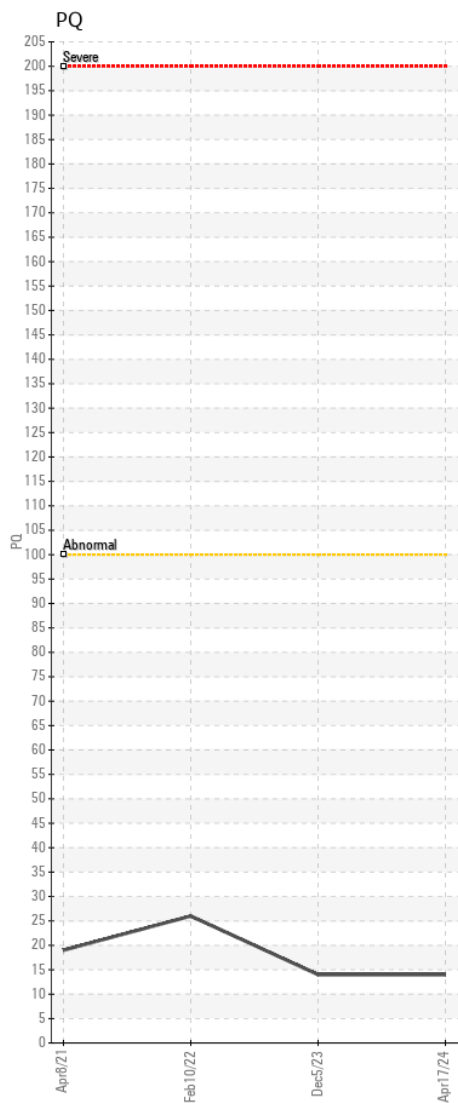
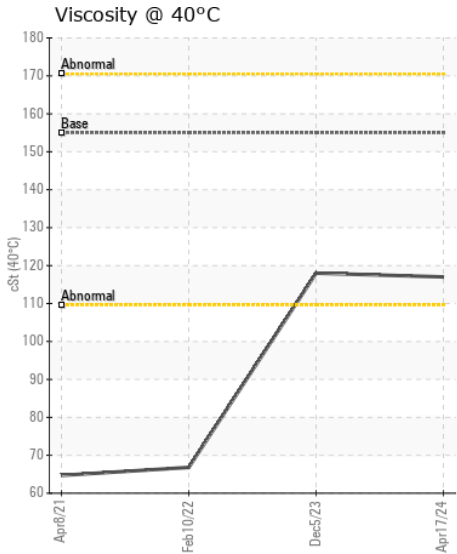
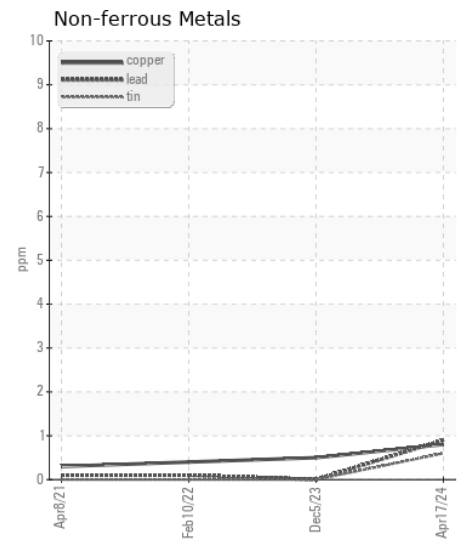
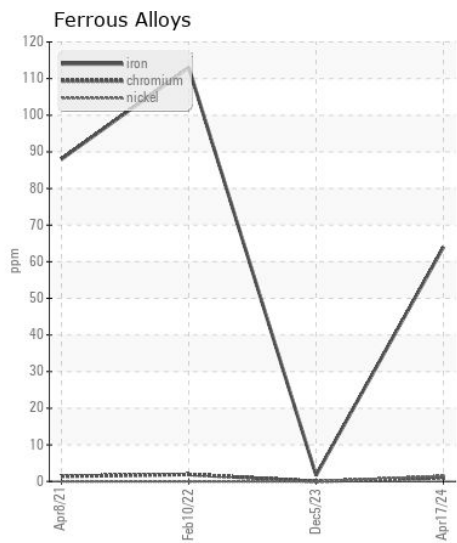
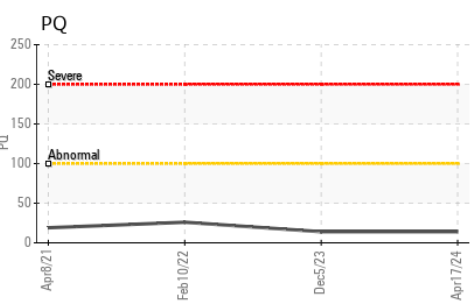
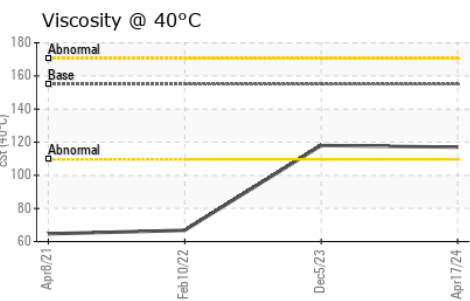
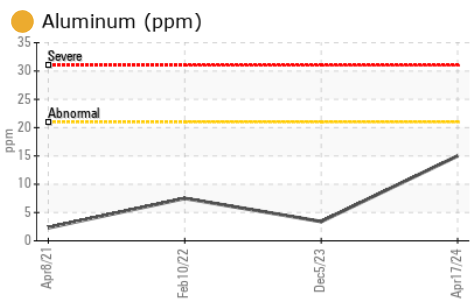
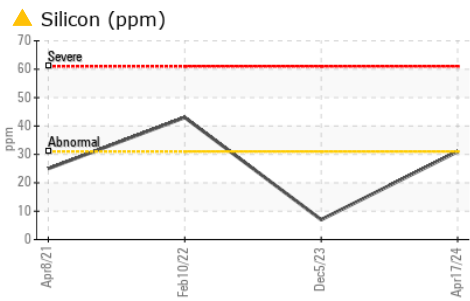
### CONTAMINATION

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

### FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0209183</b>	JR0190777	JR0116006
Sample Date		Client Info		<b>17 Apr 2024</b>	05 Dec 2023	10 Feb 2022
Machine Age	hrs	Client Info		<b>6039</b>	5991	2524
Oil Age	hrs	Client Info		<b>6039</b>	5991	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Not Changd	N/A
Filter Changed		Client Info		<b>N/A</b>	N/A	Changed
Sample Status				<b>ABNORMAL</b>	NORMAL	NORMAL
PQ		ASTM D8184		<b>14</b>	14	26
Iron	ppm	ASTM D5185m	>151	<b>64</b>	2	113
Chromium	ppm	ASTM D5185m	>11	<b>1</b>	0	2
Nickel	ppm	ASTM D5185m	>10	<b>2</b>	0	0
Titanium	ppm	ASTM D5185m		<b>1</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>21	<b>15</b>	3	8
Lead	ppm	ASTM D5185m	>51	<b>&lt;1</b>	0	<1
Copper	ppm	ASTM D5185m	>51	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D5185m	>4	<b>&lt;1</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	MODER
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185m	>31	<b>31</b>	7	43
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	0	3
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG
Sodium	ppm	ASTM D5185m	>51	<b>1</b>	2	<1
Boron	ppm	ASTM D5185m		<b>338</b>	274	267
Barium	ppm	ASTM D5185m		<b>3</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>243</b>	221	254
Manganese	ppm	ASTM D5185m		<b>2</b>	<1	2
Magnesium	ppm	ASTM D5185m		<b>740</b>	787	833
Calcium	ppm	ASTM D5185m		<b>1293</b>	1128	1540
Phosphorus	ppm	ASTM D5185m		<b>878</b>	844	1050
Zinc	ppm	ASTM D5185m		<b>1011</b>	891	1115
Sulfur	ppm	ASTM D5185m		<b>3474</b>	2847	3345
Visc @ 40°C	cSt	ASTM D445	155	<b>117</b>	118	66.8



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0209183 **Received** : 18 Apr 2024  
**Lab Number** : 06153440 **Tested** : 19 Apr 2024  
**Unique Number** : 10983518 **Diagnosed** : 22 Apr 2024 - Angela Borella  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - GARNER**  
 4161 AUBURN CHURCH RD  
 GARNER, NC  
 US 27529

To discuss this sample report, contact Customer Service at 1-800-237-1369.

Contact: RALEIGH SHOP  
 sean.betts@jamesriverequipment.com; catherine.anastasio@wearcheck.com

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

T: (919)614-2260

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

F: (919)779-5432