



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**JOHN DEERE 245G 1FF245GXEMF802020**

Component  
**Pump Drive**

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

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0205224</b>	JR0133430	---
Sample Date		Client Info		<b>21 Feb 2024</b>	29 Jun 2022	---
Machine Age	hrs	Client Info		<b>3138</b>	1380	---
Oil Age	hrs	Client Info		<b>0</b>	1380	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>N/A</b>	Changed	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	ATTENTION	---

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>17</b>	16	---
Iron	ppm	ASTM D5185m	>151	<b>52</b>	50	---
Chromium	ppm	ASTM D5185m	>11	<b>1</b>	<1	---
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Aluminum	ppm	ASTM D5185m	>21	<b>2</b>	2	---
Lead	ppm	ASTM D5185m	>51	<b>&lt;1</b>	<1	---
Copper	ppm	ASTM D5185m	>51	<b>1</b>	1	---
Tin	ppm	ASTM D5185m	>4	<b>&lt;1</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

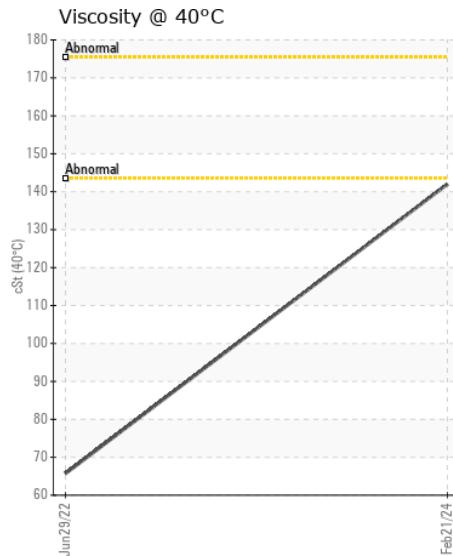
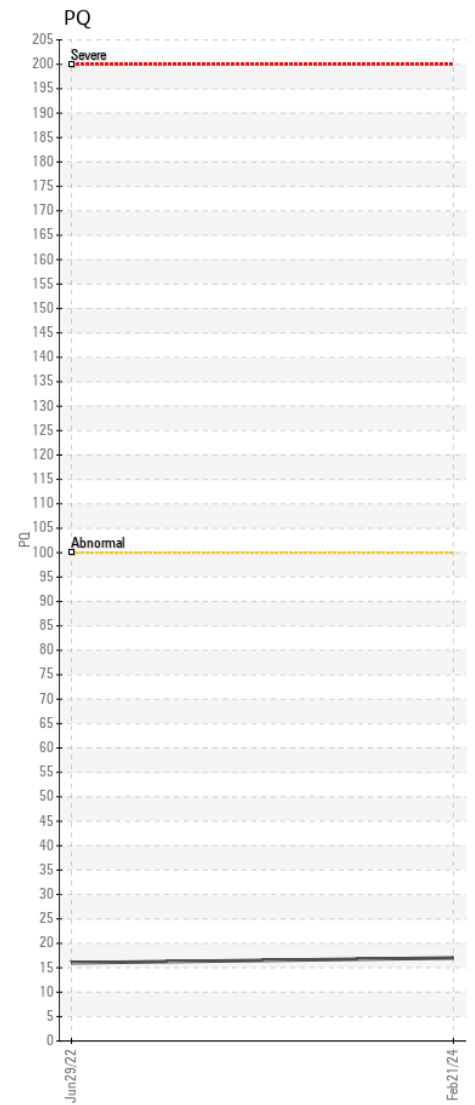
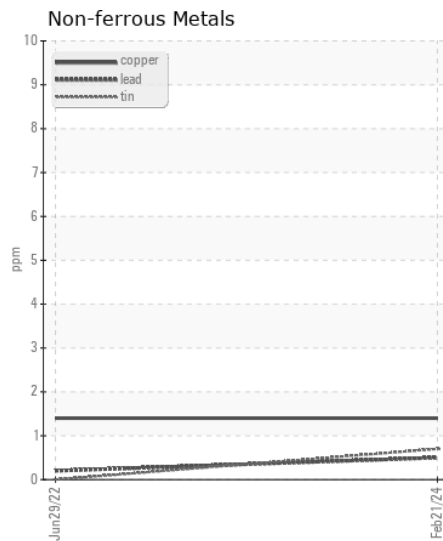
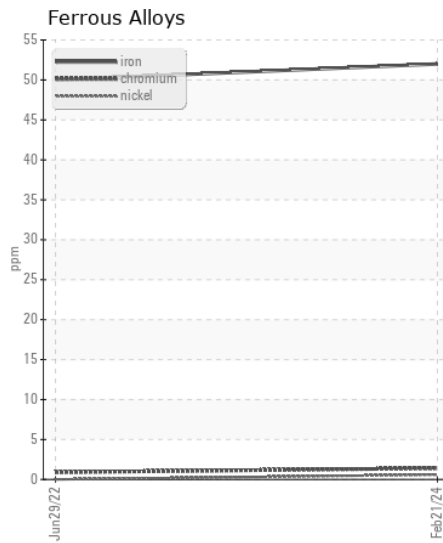
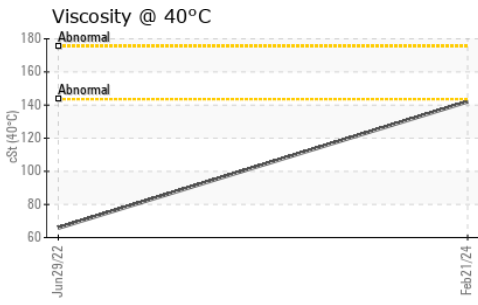
There is no indication of any contamination in the oil.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>31	<b>13</b>	8	---
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	2	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	---

### FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m	>51	<b>2</b>	<1	---
Boron	ppm	ASTM D5185m		<b>45</b>	64	---
Barium	ppm	ASTM D5185m		<b>9</b>	6	---
Molybdenum	ppm	ASTM D5185m		<b>16</b>	▲ 106	---
Manganese	ppm	ASTM D5185m		<b>2</b>	1	---
Magnesium	ppm	ASTM D5185m		<b>6</b>	24	---
Calcium	ppm	ASTM D5185m		<b>610</b>	▲ 4117	---
Phosphorus	ppm	ASTM D5185m		<b>2305</b>	▲ 1158	---
Zinc	ppm	ASTM D5185m		<b>225</b>	▲ 1310	---
Sulfur	ppm	ASTM D5185m		<b>32035</b>	▲ 8654	---
Visc @ 40°C	cSt	ASTM D445		<b>142</b>	▲ 65.7	---



Certificate L2367

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

**Sample No.** : JR0205224

**Lab Number** : 06097935

**Unique Number** : 10896165

**Test Package** : CONST ( Additional Tests: PQ )

**Received** : 22 Feb 2024

**Tested** : 23 Feb 2024

**Diagnosed** : 25 Feb 2024 - Don Baldrige

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)

**JRE - GREENSBORO**

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