



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

Area  
**[05W44265]**  
 Machine Id  
**000696**  
 Component  
**Right Final 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>JR0199186</b>	JR0187691	---
Sample Date		Client Info		<b>12 Jan 2024</b>	18 Sep 2023	---
Machine Age	hrs	Client Info		<b>966</b>	482	---
Oil Age	hrs	Client Info		<b>966</b>	0	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

PQ		ASTM D8184		<b>180</b>	181	---
Iron	ppm	ASTM D5185m	>500	<b>430</b>	357	---
Chromium	ppm	ASTM D5185m	>10	<b>6</b>	6	---
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>25	<b>&lt;1</b>	2	---
Lead	ppm	ASTM D5185m	>25	<b>0</b>	<1	---
Copper	ppm	ASTM D5185m	>50	<b>2</b>	<1	---
Tin	ppm	ASTM D5185m	>10	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
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 fluid.

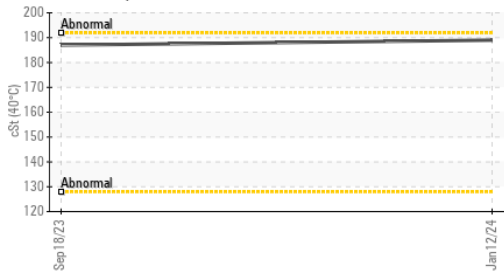
Silicon	ppm	ASTM D5185m	>75	<b>16</b>	13	---
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	<1	---
Water		WC Method	>0.2	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	LIGHT	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	NEG	---

### FLUID CONDITION

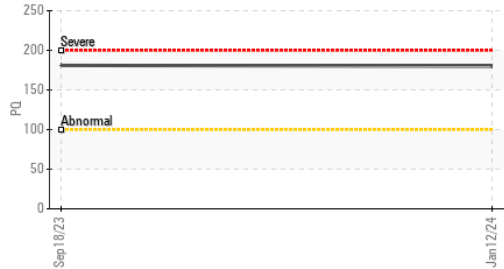
The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>0</b>	0	---
Boron	ppm	ASTM D5185m		<b>57</b>	65	---
Barium	ppm	ASTM D5185m		<b>2</b>	1	---
Molybdenum	ppm	ASTM D5185m		<b>0</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>8</b>	7	---
Magnesium	ppm	ASTM D5185m		<b>1</b>	2	---
Calcium	ppm	ASTM D5185m		<b>23</b>	37	---
Phosphorus	ppm	ASTM D5185m		<b>509</b>	512	---
Zinc	ppm	ASTM D5185m		<b>23</b>	19	---
Sulfur	ppm	ASTM D5185m		<b>15015</b>	17647	---
Visc @ 40°C	cSt	ASTM D445		<b>189</b>	187	---

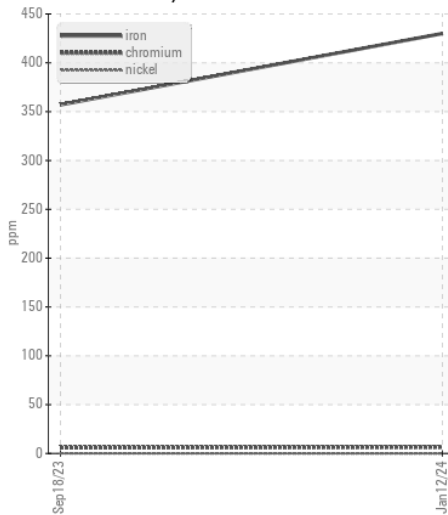
Viscosity @ 40°C



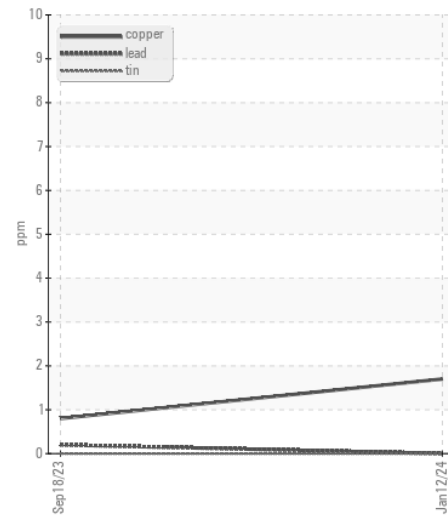
PQ



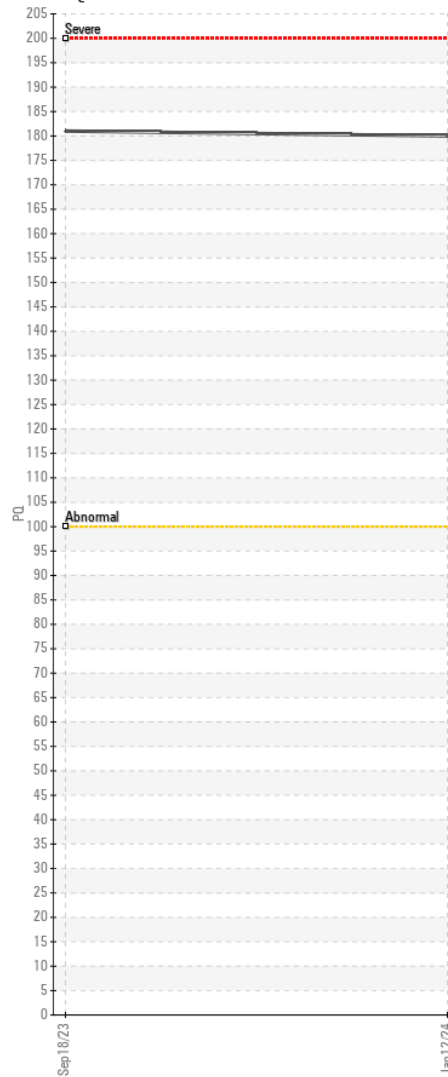
Ferrous Alloys



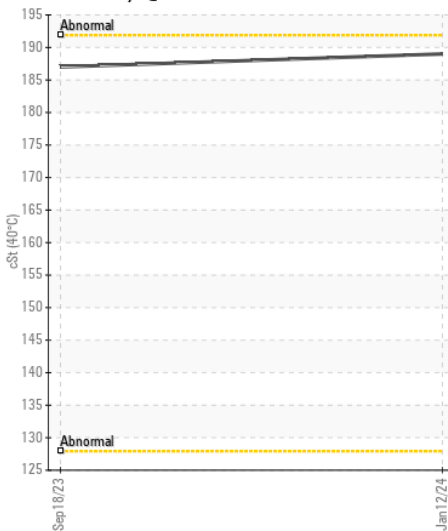
Non-ferrous Metals



PQ



Viscosity @ 40°C



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0199186 **Recieved** : 16 Jan 2024  
**Lab Number** : 06061440 **Diagnosed** : 17 Jan 2024  
**Unique Number** : 10832822 **Diagnostician** : Sean Felton  
**Test Package** : CONST ( Additional Tests: PQ )

**B & S SITE DEVLEOPMENT**  
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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)