



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

Machine Id  
**JOHN DEERE 844L AH 1DW844LATNL715468**

Component  
**Front Axle**

Fluid  
**{not provided} (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0200480</b>	JR0200329	---
Sample Date		Client Info		<b>27 Feb 2024</b>	02 Jan 2024	---
Machine Age	hrs	Client Info		<b>3201</b>	2883	---
Oil Age	hrs	Client Info		<b>500</b>	0	---
Filter Age	hrs	Client Info		<b>500</b>	0	---
Oil Changed		Client Info		<b>Changed</b>	N/A	---
Filter Changed		Client Info		<b>Changed</b>	N/A	---
Sample Status				<b>NORMAL</b>	SEVERE	---

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>121</b>	▲ 913	---
Iron	ppm	ASTM D5185m	>750	<b>230</b>	▲ 1622	---
Chromium	ppm	ASTM D5185m	>11	<b>&lt;1</b>	8	---
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	6	---
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>21	<b>2</b>	3	---
Lead	ppm	ASTM D5185m	>49	<b>2</b>	15	---
Copper	ppm	ASTM D5185m	>101	<b>55</b>	▲ 303	---
Tin	ppm	ASTM D5185m	>10	<b>2</b>	▲ 14	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

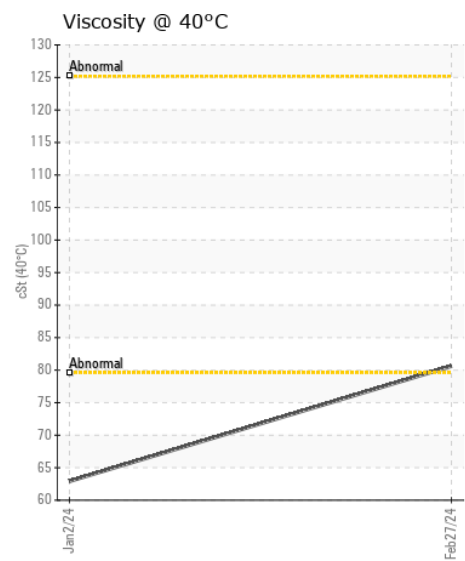
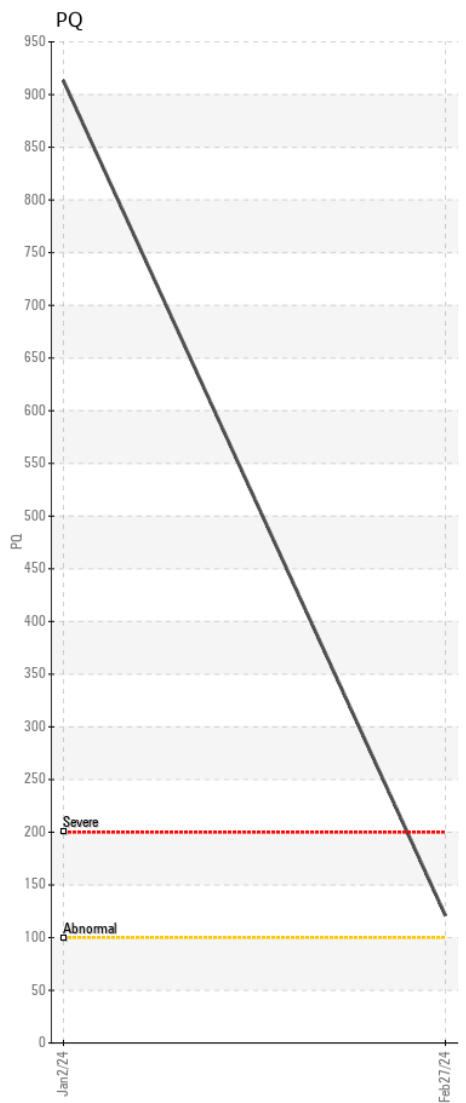
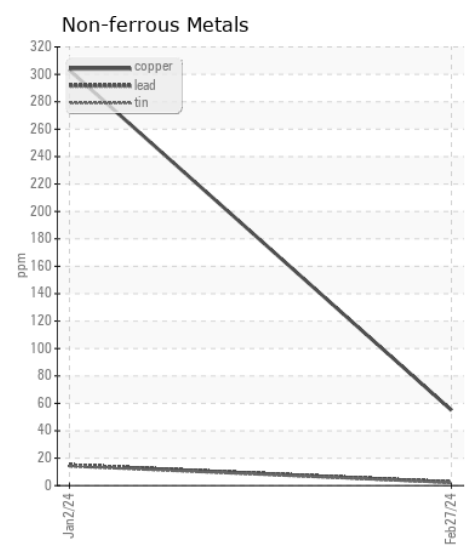
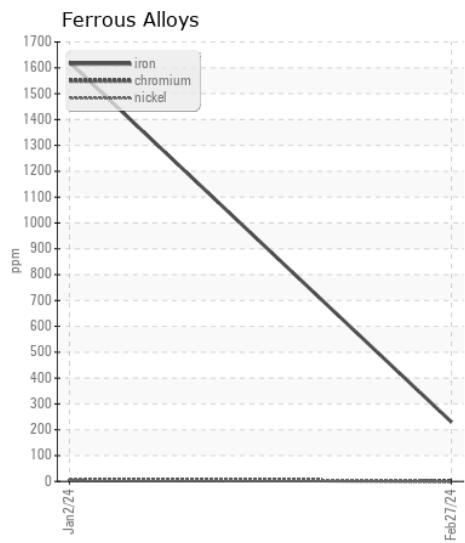
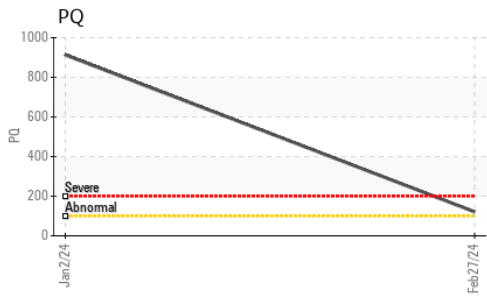
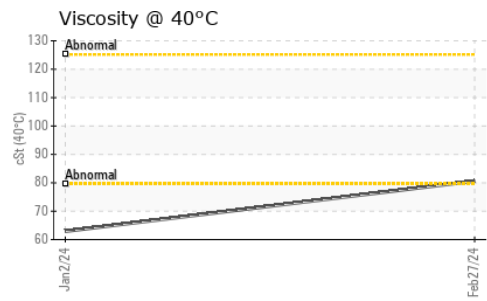
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	<b>15</b>	25	---
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	1	---
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.

Sodium	ppm	ASTM D5185m	>51	<b>3</b>	22	---
Boron	ppm	ASTM D5185m		<b>15</b>	105	---
Barium	ppm	ASTM D5185m		<b>&lt;1</b>	3	---
Molybdenum	ppm	ASTM D5185m		<b>0</b>	<1	---
Manganese	ppm	ASTM D5185m		<b>9</b>	72	---
Magnesium	ppm	ASTM D5185m		<b>8</b>	15	---
Calcium	ppm	ASTM D5185m		<b>3238</b>	3145	---
Phosphorus	ppm	ASTM D5185m		<b>908</b>	1160	---
Zinc	ppm	ASTM D5185m		<b>1045</b>	1214	---
Sulfur	ppm	ASTM D5185m		<b>4236</b>	3339	---
Visc @ 40°C	cSt	ASTM D445		<b>80.6</b>	62.9	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0200480 **Received** : 28 Feb 2024  
**Lab Number** : 06103223 **Tested** : 01 Mar 2024  
**Unique Number** : 10901453 **Diagnosed** : 01 Mar 2024 - Wes Davis  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - ASHLAND**  
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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)