



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

Area

**[46376]**

Machine Id

**JOHN DEERE 410L 1T0410LXHNF415516**

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>JR0214625</b>	---	---
Sample Date		Client Info		<b>22 May 2024</b>	---	---
Machine Age	hrs	Client Info		<b>446</b>	---	---
Oil Age	hrs	Client Info		<b>446</b>	---	---
Filter Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>Not Changd</b>	---	---
Filter Changed		Client Info		<b>N/A</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>107</b>	---	---
Iron	ppm	ASTM D5185m	>750	<b>81</b>	---	---
Chromium	ppm	ASTM D5185m	>11	<b>1</b>	---	---
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Silver	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Aluminum	ppm	ASTM D5185m	>21	<b>5</b>	---	---
Lead	ppm	ASTM D5185m	>49	<b>0</b>	---	---
Copper	ppm	ASTM D5185m	>101	<b>21</b>	---	---
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	---	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---

### CONTAMINATION

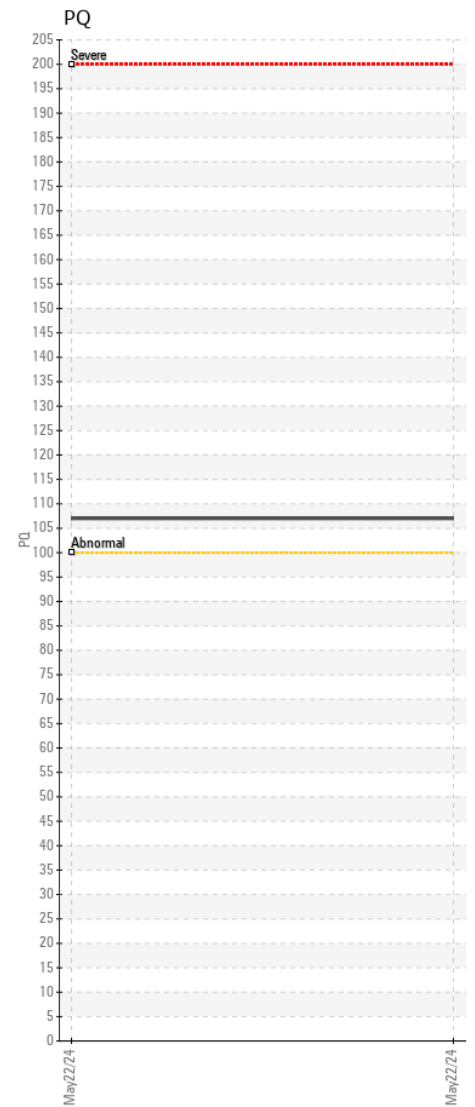
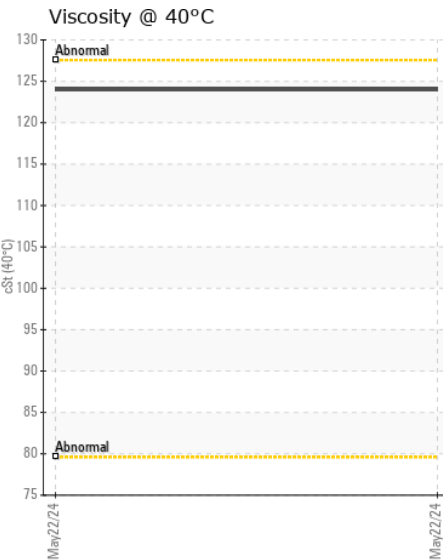
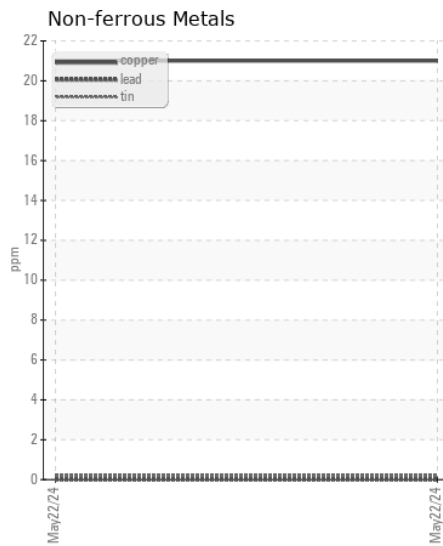
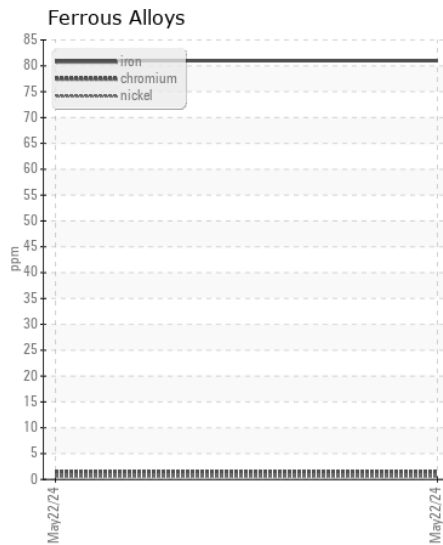
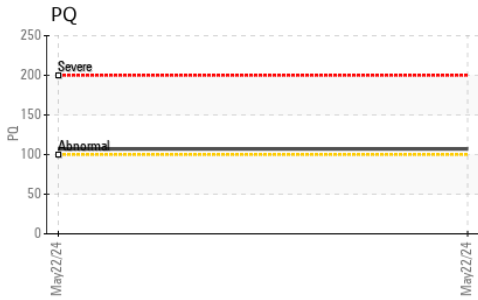
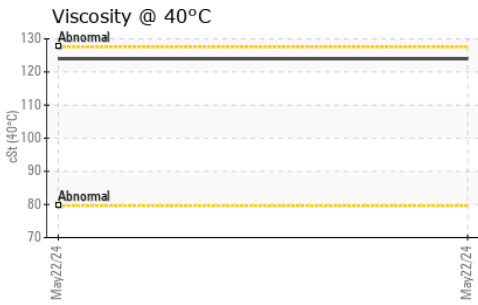
There is no indication of any contamination in the oil.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>31	<b>28</b>	---	---
Potassium	ppm	ASTM D5185m	>20	<b>5</b>	---	---
Water		WC Method	>0.1	<b>NEG</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	---	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	---	---

### 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>14</b>	---	---
Boron	ppm	ASTM D5185m		<b>118</b>	---	---
Barium	ppm	ASTM D5185m		<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	---	---
Manganese	ppm	ASTM D5185m		<b>6</b>	---	---
Magnesium	ppm	ASTM D5185m		<b>12</b>	---	---
Calcium	ppm	ASTM D5185m		<b>3469</b>	---	---
Phosphorus	ppm	ASTM D5185m		<b>1082</b>	---	---
Zinc	ppm	ASTM D5185m		<b>1401</b>	---	---
Sulfur	ppm	ASTM D5185m		<b>4404</b>	---	---
Visc @ 40°C	cSt	ASTM D445		<b>124</b>	---	---



Certificate L2367

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

Sample No. : JR0214625

Lab Number : 06189806

Unique Number : 11046558

Test Package : CONST ( Additional Tests: PQ )

Received : 23 May 2024

Tested : 29 May 2024

Diagnosed : 29 May 2024 - Wes Davis

JRE - MANASSAS PARK

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US 20111

Contact: DON VEST

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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)