



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

Machine Id  
**JOHN DEERE 724 P 1DW724PACPLX19758**  
 Component  
**Rear Axle**  
 Fluid  
**TDH FLUID SAE 75W80 (--- GAL)**

### RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>JR0223118</b>	JR0187369	---
Sample Date		Client Info		<b>19 Jun 2024</b>	25 Oct 2023	---
Machine Age	hrs	Client Info		<b>1370</b>	738	---
Oil Age	hrs	Client Info		<b>0</b>	0	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>N/A</b>	N/A	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>ABNORMAL</b>	ABNORMAL	---

### WEAR

Bearing and/or bushing wear is indicated. All other component wear rates are normal.

PQ		ASTM D8184		<b>27</b>	26	---
Iron	ppm	ASTM D5185m	>750	<b>95</b>	74	---
Chromium	ppm	ASTM D5185m	>11	<b>&lt;1</b>	<1	---
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	>21	<b>&lt;1</b>	<1	---
Lead	ppm	ASTM D5185m	>49	<b>▲ 90</b>	▲ 73	---
Copper	ppm	ASTM D5185m	>101	<b>▲ 379</b>	▲ 264	---
Tin	ppm	ASTM D5185m	>10	<b>▲ 25</b>	18	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	HEAVY	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

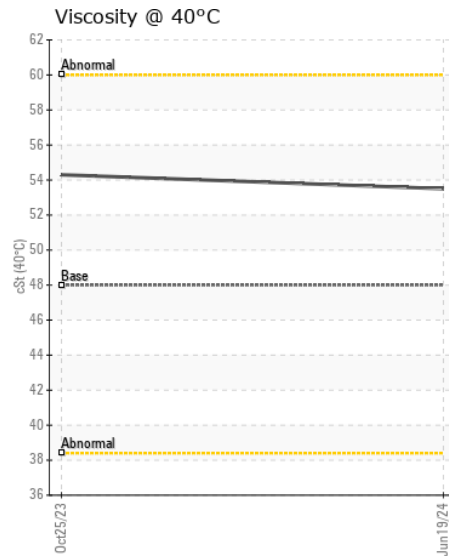
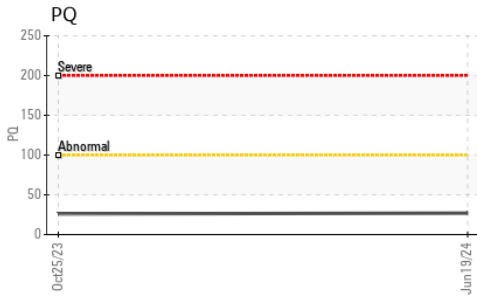
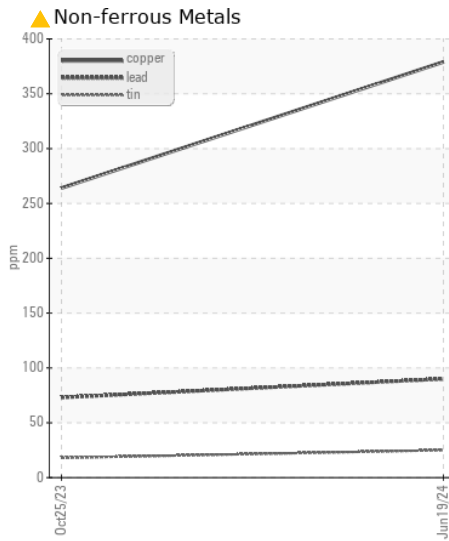
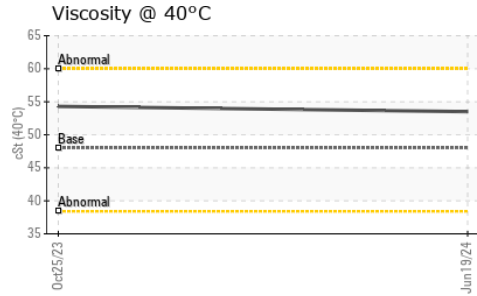
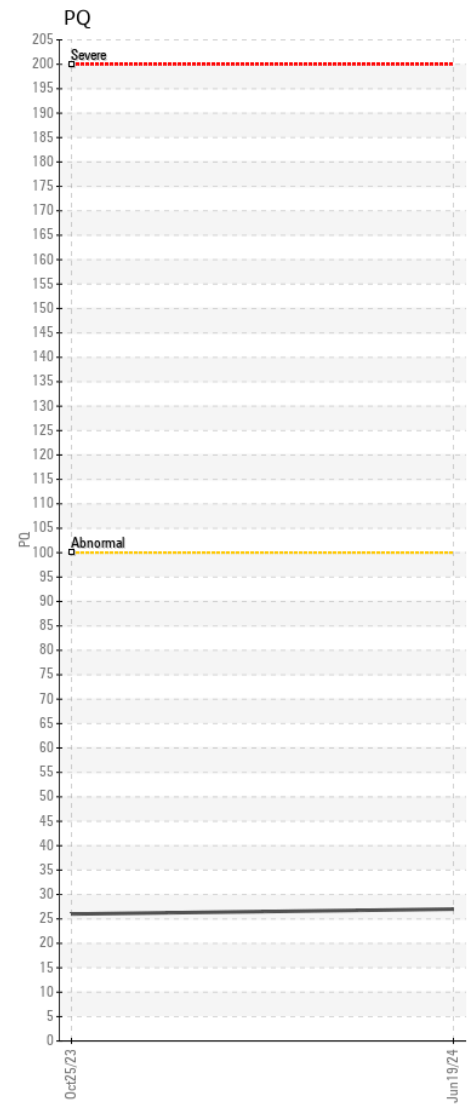
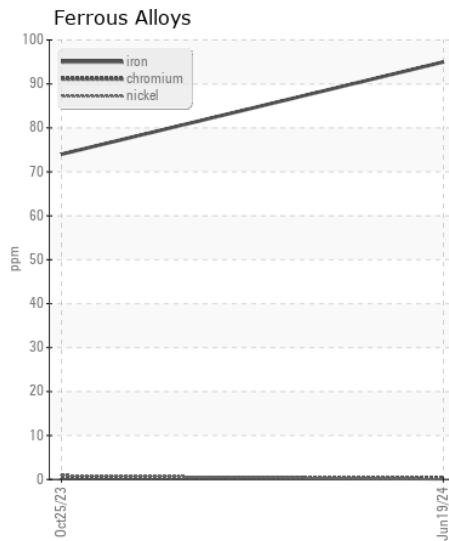
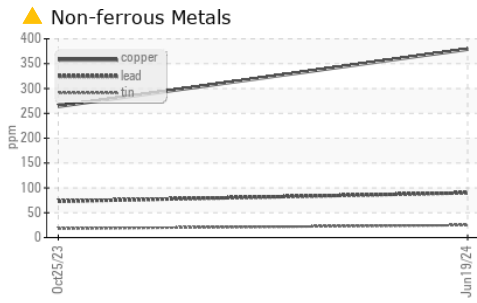
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	<b>7</b>	6	---
Potassium	ppm	ASTM D5185m	>20	<b>1</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>8</b>	5	---
Boron	ppm	ASTM D5185m	10	<b>2</b>	0	---
Barium	ppm	ASTM D5185m	10	<b>4</b>	4	---
Molybdenum	ppm	ASTM D5185m	10	<b>5</b>	0	---
Manganese	ppm	ASTM D5185m		<b>2</b>	4	---
Magnesium	ppm	ASTM D5185m	100	<b>90</b>	101	---
Calcium	ppm	ASTM D5185m	3500	<b>3315</b>	3388	---
Phosphorus	ppm	ASTM D5185m	1150	<b>1020</b>	1072	---
Zinc	ppm	ASTM D5185m	1150	<b>1137</b>	1240	---
Sulfur	ppm	ASTM D5185m	5000	<b>3958</b>	3714	---
Visc @ 40°C	cSt	ASTM D445	48	<b>53.5</b>	54.3	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0223118 **Received** : 20 Jun 2024  
**Lab Number** : 06215995 **Tested** : 22 Jun 2024  
**Unique Number** : 11088859 **Diagnosed** : 23 Jun 2024 - Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - GREENSBORO**  
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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)