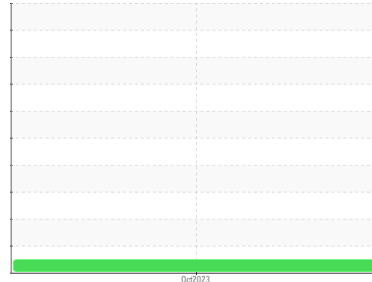


# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**

 Machine Id  
**JOHN DEERE 624 P 1DW624PAANLZ15007**

 Component  
**Transmission**  
 Fluid

**JOHN DEERE HY-GARD HYD/TRANS (--- GAL)**
**DIAGNOSIS**
**Recommendation**

Resample at the next service interval to monitor.

**Wear**

All component wear rates are normal.

**Contamination**

There is no indication of any contamination in the fluid.

**Fluid Condition**

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

**SAMPLE INFORMATION**

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>JR0179475</b>	---	---
Sample Date	Client Info		<b>02 Oct 2023</b>	---	---
Machine Age	hrs	Client Info	<b>1218</b>	---	---
Oil Age	hrs	Client Info	<b>0</b>	---	---
Oil Changed	Client Info		<b>Not Chngd</b>	---	---
Sample Status			<b>NORMAL</b>	---	---

**WEAR METALS**

	method	limit/base	current	history1	history2
PQ	ASTM D8184	>100	<b>17</b>	---	---
Iron	ppm	ASTM D5185m	>61	<b>18</b>	---
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	---
Nickel	ppm	ASTM D5185m		<b>0</b>	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	---
Silver	ppm	ASTM D5185m		<b>0</b>	---
Aluminum	ppm	ASTM D5185m	>20	<b>0</b>	---
Lead	ppm	ASTM D5185m	>9	<b>&lt;1</b>	---
Copper	ppm	ASTM D5185m	>100	<b>6</b>	---
Tin	ppm	ASTM D5185m	>3	<b>&lt;1</b>	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	---
Cadmium	ppm	ASTM D5185m		<b>0</b>	---

**ADDITIVES**

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	6	<b>0</b>	---
Barium	ppm	ASTM D5185m	0	<b>0</b>	---
Molybdenum	ppm	ASTM D5185m	0	<b>2</b>	---
Manganese	ppm	ASTM D5185m		<b>1</b>	---
Magnesium	ppm	ASTM D5185m	145	<b>90</b>	---
Calcium	ppm	ASTM D5185m	3570	<b>3169</b>	---
Phosphorus	ppm	ASTM D5185m	1290	<b>995</b>	---
Zinc	ppm	ASTM D5185m	1640	<b>1246</b>	---
Sulfur	ppm	ASTM D5185m		<b>3513</b>	---

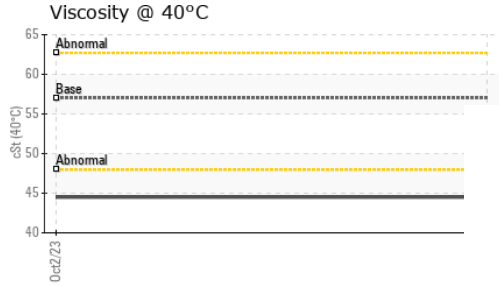
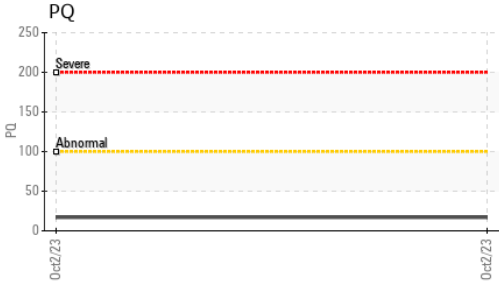
**CONTAMINANTS**

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>21	<b>17</b>	---
Sodium	ppm	ASTM D5185m	>30	<b>24</b>	---
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	---

**VISUAL**

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>NONE</b>	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	---
Precipitate	scalar	*Visual	NONE	<b>NONE</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	>0.075	<b>NEG</b>	---
Free Water	scalar	*Visual		<b>NEG</b>	---

# OIL ANALYSIS REPORT

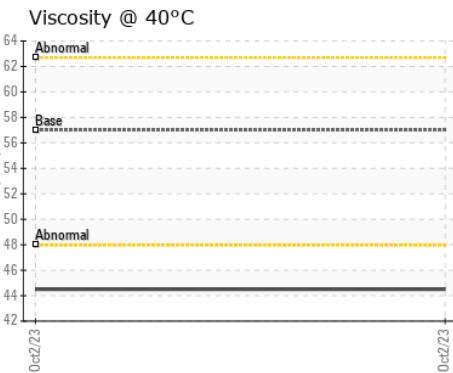
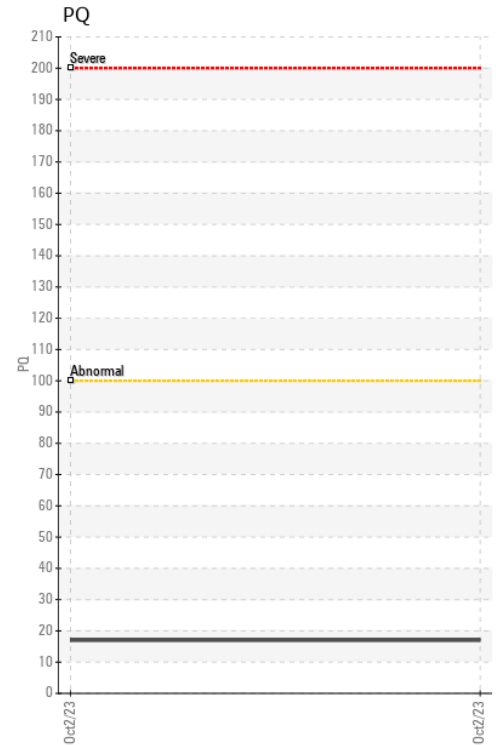
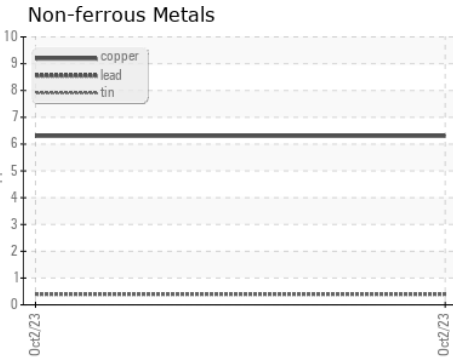
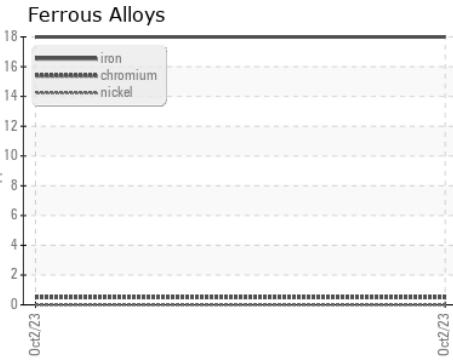


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	57.0	<b>44.5</b>	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

Color				no image	no image
Bottom				no image	no image

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0179475      **Received** : 04 Oct 2023  
**Lab Number** : **05969121**      **Diagnosed** : 06 Oct 2023  
**Unique Number** : 10675672      **Diagnostician** : Jonathan Hester  
**Test Package** : CONST ( Additional Tests: PQ )

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)

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