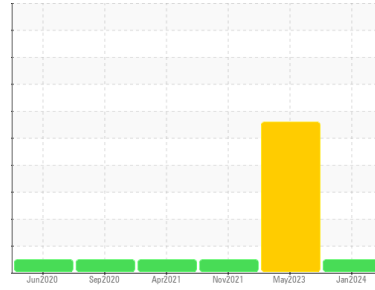


# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area  
**[W48920]**  
Machine Id  
**JOHN DEERE 750K 1T0750KXEJF332859**  
Component  
**Left Outer Final Drive**  
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 oil.

**Fluid Condition**

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

**SAMPLE INFORMATION**

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>JR0165979</b>	JR0165879	JR0107369
Sample Date	Client Info		<b>10 Jan 2024</b>	05 May 2023	10 Nov 2021
Machine Age	hrs	Client Info	<b>5025</b>	3992	2998
Oil Age	hrs	Client Info	<b>0</b>	0	1000
Oil Changed	Client Info		<b>Changed</b>	Changed	Changed
Sample Status			<b>NORMAL</b>	SEVERE	NORMAL

**CONTAMINATION**

	method	limit/base	current	history1	history2
Water	WC Method	>0.075	<b>NEG</b>	NEG	NEG

**WEAR METALS**

	method	limit/base	current	history1	history2
PQ	ASTM D8184	>1250	<b>181</b>	327	60
Iron	ppm ASTM D5185m	>750	<b>231</b>	364	70
Chromium	ppm ASTM D5185m	>9	<b>1</b>	2	<1
Nickel	ppm ASTM D5185m	>10	<b>2</b>	3	<1
Titanium	ppm ASTM D5185m		<b>&lt;1</b>	4	<1
Silver	ppm ASTM D5185m		<b>0</b>	0	<1
Aluminum	ppm ASTM D5185m	>40	<b>5</b>	▲ 35	6
Lead	ppm ASTM D5185m	>15	<b>0</b>	0	<1
Copper	ppm ASTM D5185m	>40	<b>&lt;1</b>	<1	<1
Tin	ppm ASTM D5185m	>10	<b>0</b>	0	<1
Antimony	ppm ASTM D5185m	>5	<b>---</b>	---	0
Vanadium	ppm ASTM D5185m		<b>0</b>	<1	<1
Cadmium	ppm ASTM D5185m		<b>0</b>	0	0

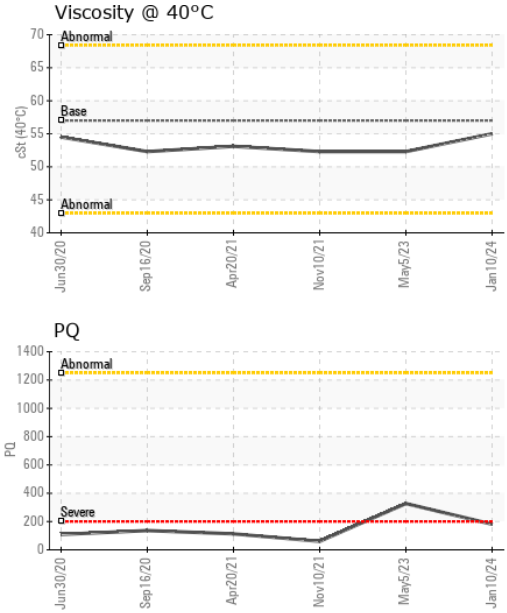
**ADDITIVES**

	method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	6	<b>4</b>	0	5
Barium	ppm ASTM D5185m	0	<b>0</b>	0	0
Molybdenum	ppm ASTM D5185m	0	<b>4</b>	<1	<1
Manganese	ppm ASTM D5185m		<b>2</b>	3	<1
Magnesium	ppm ASTM D5185m	145	<b>121</b>	100	102
Calcium	ppm ASTM D5185m	3570	<b>3236</b>	3472	3464
Phosphorus	ppm ASTM D5185m	1290	<b>1050</b>	1008	991
Zinc	ppm ASTM D5185m	1640	<b>1215</b>	1242	1183
Sulfur	ppm ASTM D5185m		<b>3631</b>	4229	3106

**CONTAMINANTS**

	method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m	>75	<b>54</b>	◆ 215	17
Sodium	ppm ASTM D5185m	>51	<b>1</b>	1	2
Potassium	ppm ASTM D5185m	>20	<b>1</b>	6	1

# OIL ANALYSIS REPORT

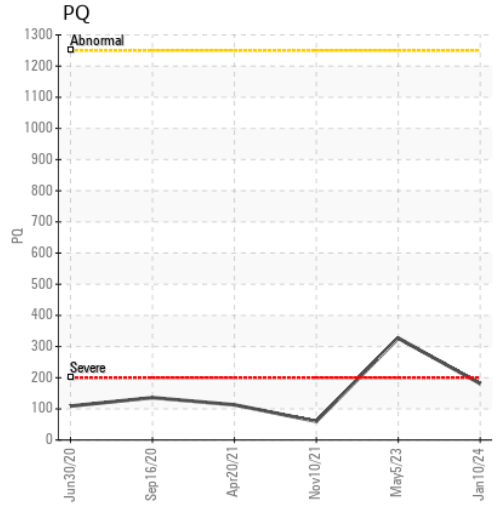
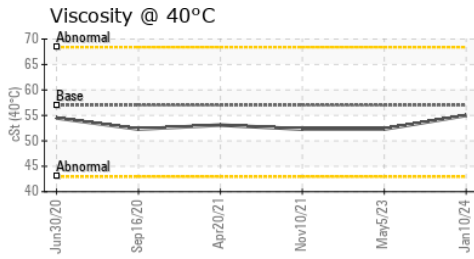
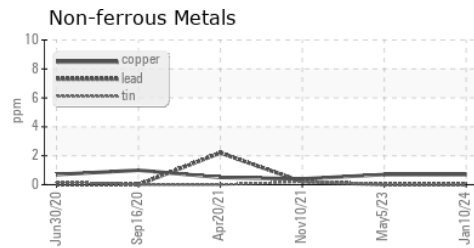
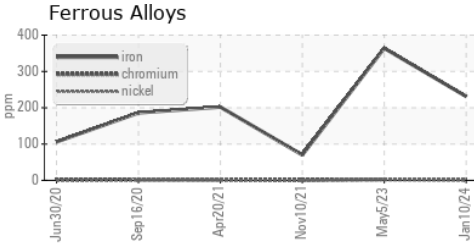


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	MODER	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.075	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	57.0	<b>55.0</b>	52.3	52.3

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

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0165979 **Recieved** : 17 Jan 2024  
**Lab Number** : **06063069** **Diagnosed** : 18 Jan 2024  
**Unique Number** : 10834451 **Diagnostician** : Wes Davis  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - ASHLAND**  
 11047 LEADBETTER RD  
 ASHLAND, VA  
 US 23005  
 Contact: DAVID ZIEG  
 dzieg@jamesriverequipment.com  
 T: (804)798-6001  
 F: (804)798-0292

Certificate L2367  
 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)