



# OIL ANALYSIS REPORT

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

Machine Id  
**JOHN DEERE 844L 1DW844LXCNL715618**  
 Component  
**Brake**  
 Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WE0007453</b>	WE0005266	WE0005427
Sample Date		Client Info		<b>10 Jun 2024</b>	21 Mar 2024	09 Nov 2023
Machine Age	hrs	Client Info		<b>4272</b>	3970	3067
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Not Changd
Filter Changed		Client Info		<b>N/A</b>	N/A	Not Changd
Sample Status				<b>NORMAL</b>	ABNORMAL	NORMAL

## WEAR

All component wear rates are normal.

PQ		ASTM D8184		<b>23</b>	28	18
Iron	ppm	ASTM D5185m	>350	<b>25</b>	73	67
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m	>8	<b>2</b>	2	2
Lead	ppm	ASTM D5185m	>10	<b>0</b>	2	1
Copper	ppm	ASTM D5185m	>150	<b>&lt;1</b>	1	1
Tin	ppm	ASTM D5185m	>5	<b>0</b>	<1	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	<1
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

## CONTAMINATION

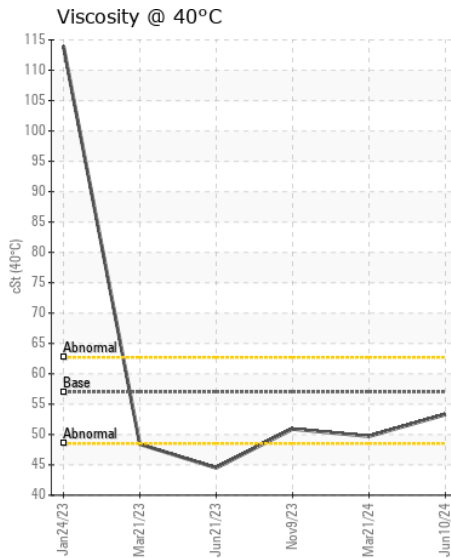
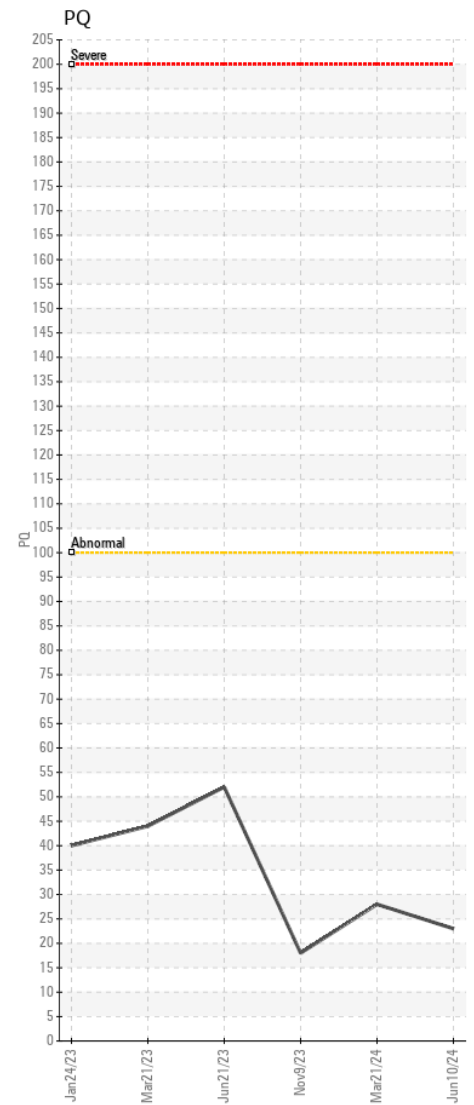
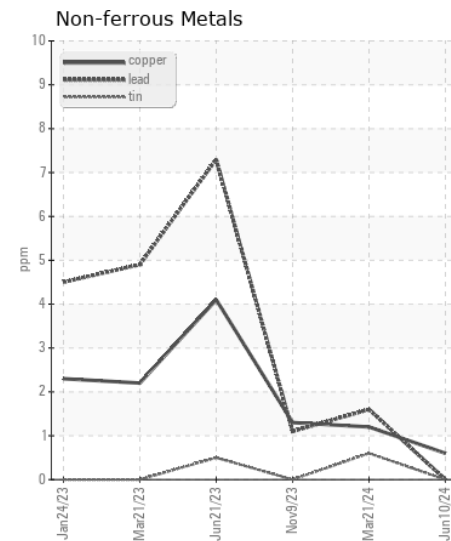
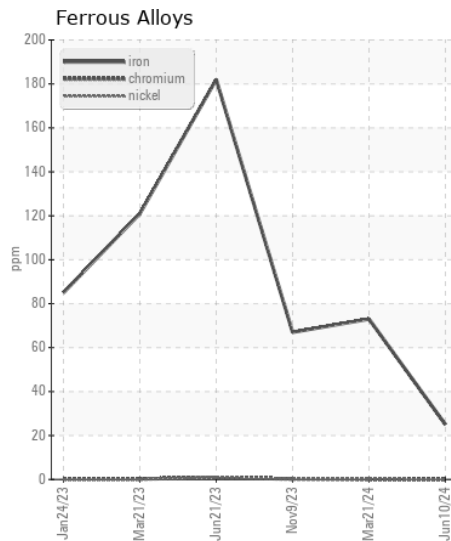
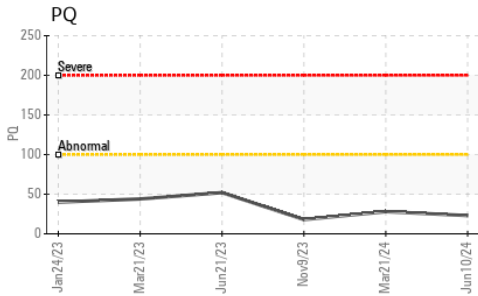
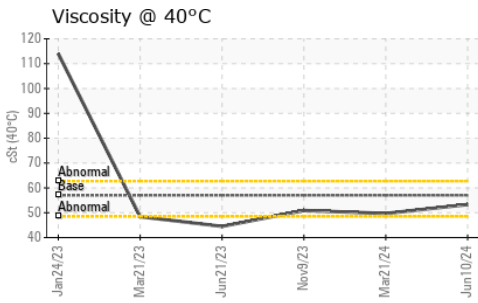
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>400	<b>135</b>	208	235
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	1	2
Water		WC Method	>0.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	▲ MODER	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	<b>NEG</b>	NEG	NEG

## FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>5</b>	6	2
Boron	ppm	ASTM D5185m	6	<b>18</b>	36	41
Barium	ppm	ASTM D5185m	0	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	0	<b>15</b>	62	66
Manganese	ppm	ASTM D5185m		<b>1</b>	1	1
Magnesium	ppm	ASTM D5185m	145	<b>117</b>	183	185
Calcium	ppm	ASTM D5185m	3570	<b>3469</b>	3213	3277
Phosphorus	ppm	ASTM D5185m	1290	<b>1063</b>	1066	1045
Zinc	ppm	ASTM D5185m	1640	<b>1218</b>	1198	1228
Sulfur	ppm	ASTM D5185m		<b>4239</b>	3897	3806
Visc @ 40°C	cSt	ASTM D445	57.0	<b>53.3</b>	49.7	50.9



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WE0007453 **Received** : 17 Jun 2024  
**Lab Number** : 06211993 **Tested** : 18 Jun 2024  
**Unique Number** : 11084857 **Diagnosed** : 19 Jun 2024 - Sean Felton  
**Test Package** : CONST ( Additional Tests: PQ )

**WARRIOR TRACTOR AND EQUIPMENT - MONROEVILLE**  
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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)