



OIL ANALYSIS REPORT

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

Area  
**Store 2 - Beaver [RO#152003]**  
Machine Id  
**JOHN DEERE 904P 1DW904PALPLX07507**  
Component  
**Front Axle**  
Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (18 GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LEC0051163</b>	LEC0048844	LEC0047643
Sample Date		Client Info		<b>02 Jul 2024</b>	12 Apr 2024	30 Jan 2024
Machine Age	hrs	Client Info		<b>1584</b>	1054	585
Oil Age	hrs	Client Info		<b>999</b>	469	585
Filter Age	hrs	Client Info		<b>530</b>	469	585
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Changed
Filter Changed		Client Info		<b>Not Changd</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**WEAR**

All component wear rates are normal.

PQ		ASTM D8184		<b>79</b>	88	171
Iron	ppm	ASTM D5185m	>750	<b>172</b>	135	144
Chromium	ppm	ASTM D5185m	>11	<b>1</b>	2	1
Nickel	ppm	ASTM D5185m	>10	<b>2</b>	4	1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Silver	ppm	ASTM D5185m		<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185m	>21	<b>2</b>	2	0
Lead	ppm	ASTM D5185m	>49	<b>6</b>	3	1
Copper	ppm	ASTM D5185m	>101	<b>134</b>	62	52
Tin	ppm	ASTM D5185m	>10	<b>3</b>	10	2
Vanadium	ppm	ASTM D5185m		<b>0</b>	1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

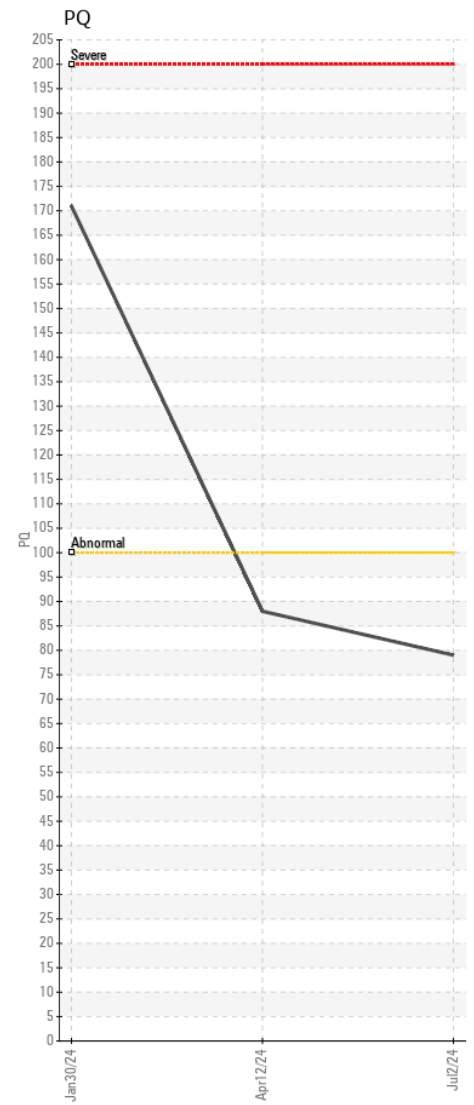
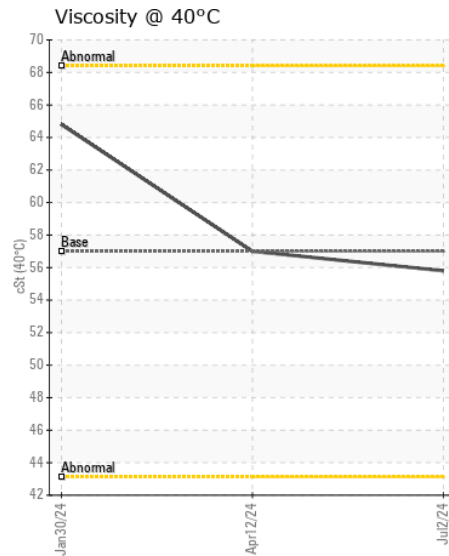
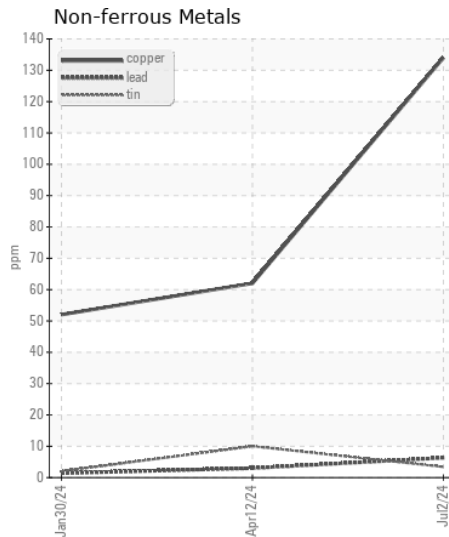
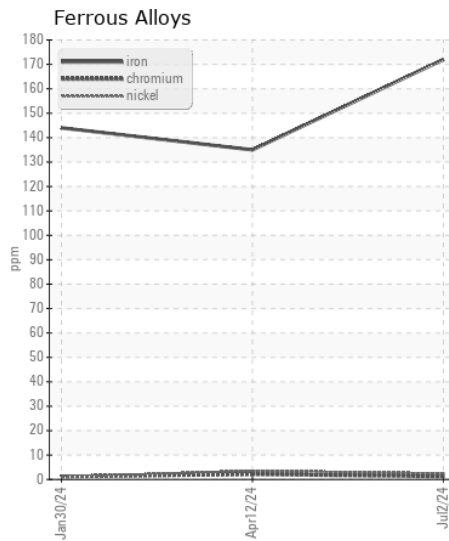
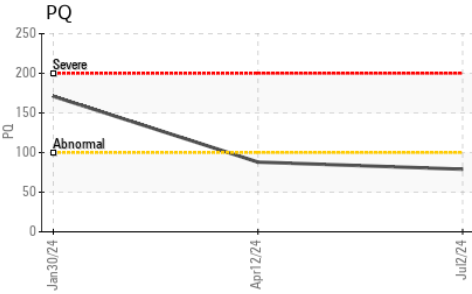
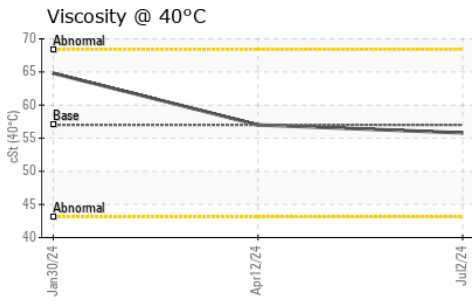
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	<b>12</b>	11	4
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	3	0
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>MODER</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	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	>0.1	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185m	>51	<b>8</b>	7	15
Boron	ppm	ASTM D5185m	6	<b>36</b>	46	114
Barium	ppm	ASTM D5185m	0	<b>0</b>	4	1
Molybdenum	ppm	ASTM D5185m	0	<b>&lt;1</b>	1	0
Manganese	ppm	ASTM D5185m		<b>15</b>	18	24
Magnesium	ppm	ASTM D5185m	145	<b>79</b>	75	9
Calcium	ppm	ASTM D5185m	3570	<b>3644</b>	3911	3292
Phosphorus	ppm	ASTM D5185m	1290	<b>1205</b>	1121	1153
Zinc	ppm	ASTM D5185m	1640	<b>1406</b>	1250	1376
Sulfur	ppm	ASTM D5185m		<b>4619</b>	4210	3052
Visc @ 40°C	cSt	ASTM D445	57.0	<b>55.8</b>	57.0	64.8



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC0051163 **Received** : 08 Jul 2024  
**Lab Number** : 06230474 **Tested** : 10 Jul 2024  
**Unique Number** : 11113967 **Diagnosed** : 10 Jul 2024 - Don Baldrige  
**Test Package** : CONST ( Additional Tests: PQ )

**LESLIE EQUIPMENT COMPANY**  
 105 TENNIS CENTER DR.  
 MARIETTA, OH  
 US 45750-9765  
 Contact: LEANNE KENDALL  
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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)

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