



OIL ANALYSIS REPORT

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

Area  
**Store 5 - Cross Lanes [RO#152318]**  
 Machine Id  
**SKYTRAC 8042 0160098598**  
 Component  
**Front Left Planetary**  
 Fluid  
**JOHN DEERE HY-GARD HYD/TRANS (2 QTS)**

**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>LEC0051154</b>	LEC0036884	LEC0024395
Sample Date		Client Info		<b>24 Jun 2024</b>	29 Nov 2022	09 Nov 2021
Machine Age	hrs	Client Info		<b>1218</b>	883	502
Oil Age	hrs	Client Info		<b>335</b>	381	502
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Changed	Changed
Filter Changed		Client Info		<b>N/A</b>	None	N/A
Sample Status				<b>ABNORMAL</b>	ABNORMAL	ABNORMAL

**WEAR**

The copper level has decreased, but is still abnormal. All other component wear rates are normal.

PQ		ASTM D8184		<b>18</b>	26	111
Iron	ppm	ASTM D5185m	>500	<b>24</b>	57	129
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m	>25	<b>&lt;1</b>	1	2
Lead	ppm	ASTM D5185m	>25	<b>0</b>	<1	<1
Copper	ppm	ASTM D5185m	>75	<b>▲ 161</b>	<b>▲ 352</b>	<b>● 303</b>
Tin	ppm	ASTM D5185m	>10	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	MODER	LIGHT
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

**CONTAMINATION**

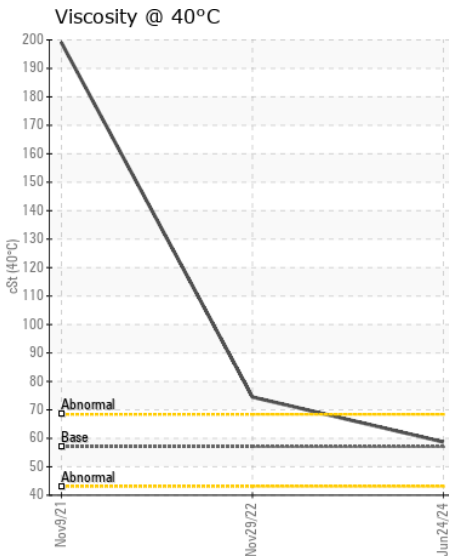
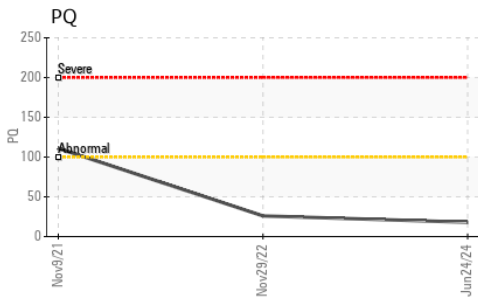
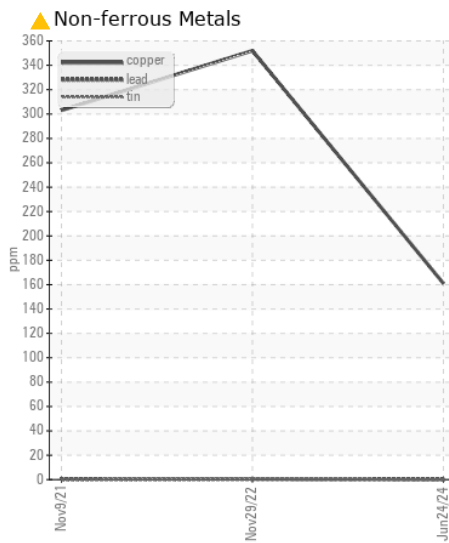
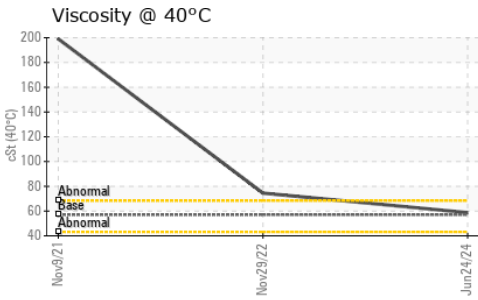
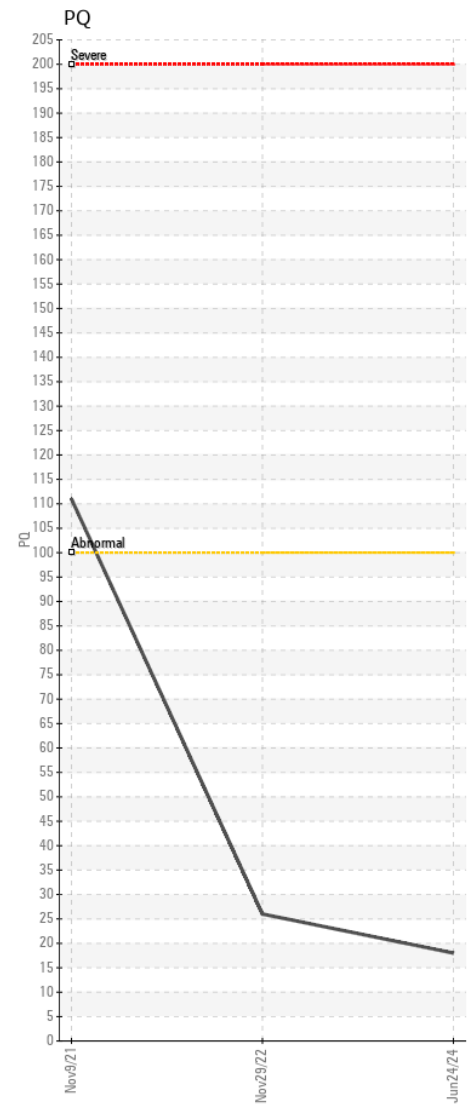
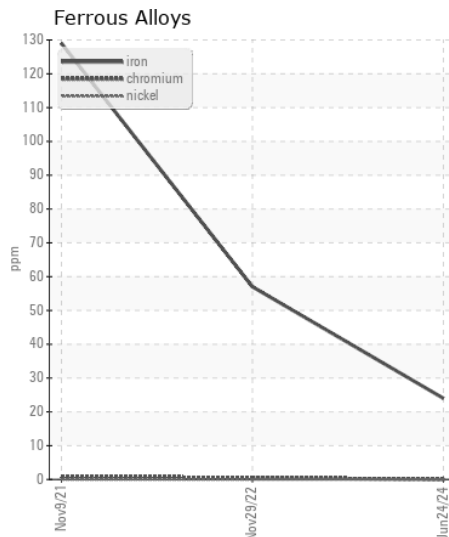
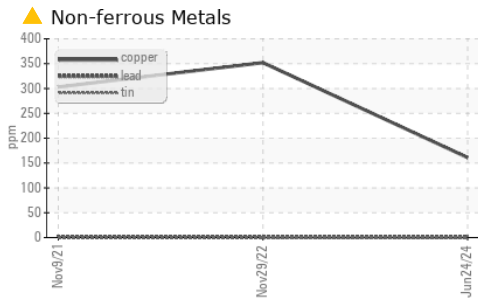
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	<b>10</b>	14	29
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	0	<1
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>	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	>0.2	<b>NEG</b>	NEG	NEG

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185m		<b>1</b>	2	<1
Boron	ppm	ASTM D5185m	6	<b>5</b>	4	3
Barium	ppm	ASTM D5185m	0	<b>0</b>	2	6
Molybdenum	ppm	ASTM D5185m	0	<b>&lt;1</b>	2	<1
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	2	5
Magnesium	ppm	ASTM D5185m	145	<b>110</b>	71	2
Calcium	ppm	ASTM D5185m	3570	<b>3318</b>	2551	64
Phosphorus	ppm	ASTM D5185m	1290	<b>1101</b>	1245	2236
Zinc	ppm	ASTM D5185m	1640	<b>1250</b>	1068	158
Sulfur	ppm	ASTM D5185m		<b>5866</b>	12604	30244
Visc @ 40°C	cSt	ASTM D445	57.0	<b>58.7</b>	74.5	<b>▲ 199</b>



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : LEC0051154 **Received** : 03 Jul 2024  
**Lab Number** : 06227848 **Tested** : 05 Jul 2024  
**Unique Number** : 11111341 **Diagnosed** : 07 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  
 KendalLeanne@lec1.com

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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