



# OIL ANALYSIS REPORT

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



Area  
**Store 8 - Pikeville [W152974]**  
Machine Id  
**JOHN DEERE 950K 1T0950KPLJF338554**  
Component  
**Transmission (Manual)**  
Fluid  
**JOHN DEERE HYDRAU (39 GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LEC0049154</b>	LEC0048631	LEC0040887
Sample Date		Client Info		<b>16 Jul 2024</b>	19 Mar 2024	17 Oct 2023
Machine Age	hrs	Client Info		<b>6158</b>	5631	5080
Oil Age	hrs	Client Info		<b>0</b>	2745	2194
Filter Age	hrs	Client Info		<b>0</b>	1277	726
Oil Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Filter Changed		Client Info		<b>Changed</b>	Not Changed	Not Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

## WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	<b>17</b>	19	14
Iron	ppm	ASTM D5185m	>200	<b>19</b>	14	16
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	<1
Nickel	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m	>7	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>3</b>	0	2
Lead	ppm	ASTM D5185m	>45	<b>1</b>	0	1
Copper	ppm	ASTM D5185m	>225	<b>6</b>	4	6
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	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 fluid.

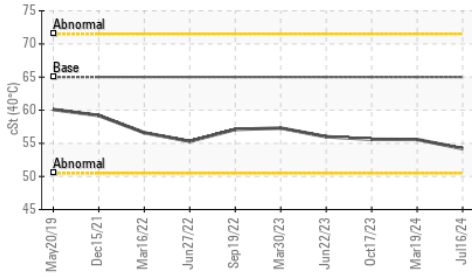
Silicon	ppm	ASTM D5185m	>125	<b>&lt;1</b>	<1	<1
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	1	2
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG

## FLUID CONDITION

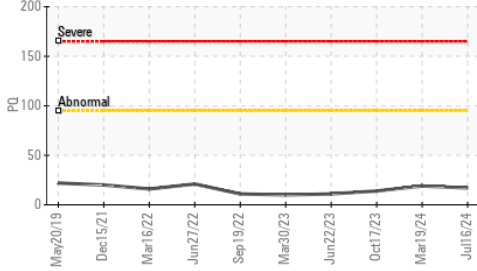
The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		<b>0</b>	<1	0
Boron	ppm	ASTM D5185m		<b>0</b>	0	0
Barium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
Magnesium	ppm	ASTM D5185m		<b>1</b>	3	2
Calcium	ppm	ASTM D5185m	87	<b>69</b>	87	104
Phosphorus	ppm	ASTM D5185m	727	<b>563</b>	594	726
Zinc	ppm	ASTM D5185m	900	<b>816</b>	754	857
Sulfur	ppm	ASTM D5185m	1500	<b>1533</b>	1688	1979
Visc @ 40°C	cSt	ASTM D445	65	<b>54.2</b>	55.58	55.6

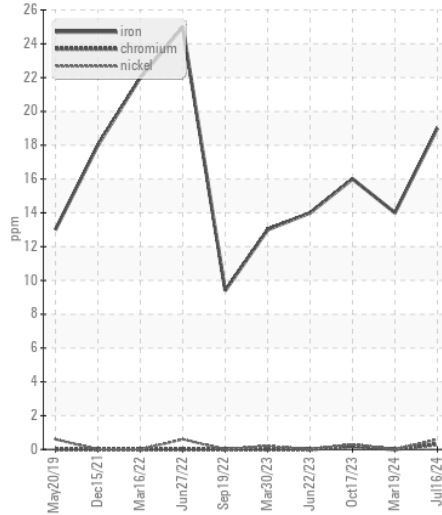
Viscosity @ 40°C



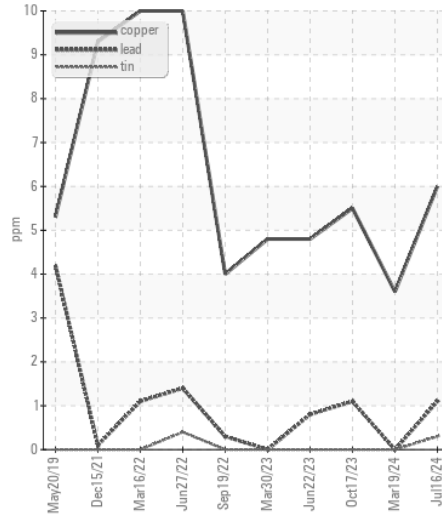
PQ



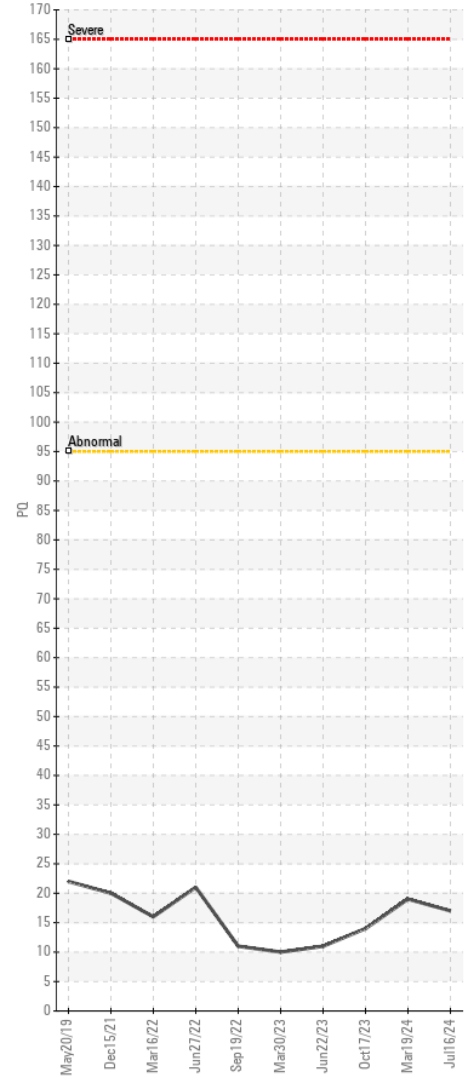
Ferrous Alloys



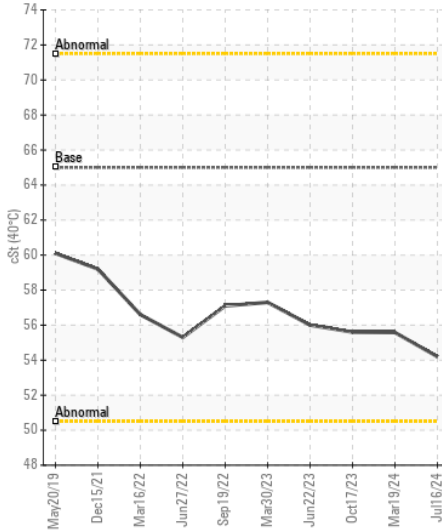
Non-ferrous Metals



PQ



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
 Sample No. : LEC0049154  
 Lab Number : 06239348  
 Unique Number : 11128182  
 Test Package : CONST ( Additional Tests: PQ )

Received : 17 Jul 2024  
 Tested : 18 Jul 2024  
 Diagnosed : 18 Jul 2024 - Wes Davis

**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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