



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

Area

[CA MURREN AND SONS]

Machine Id

JOHN DEERE 310SL 1T0310SLVFF286491

Component

Transmission (Manual)

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		JR0218397	---	---
Sample Date		Client Info		12 Jun 2024	---	---
Machine Age	hrs	Client Info		1367	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Chngd	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---

### WEAR

All component wear rates are normal.

PQ		ASTM D8184	>95	26	---	---
Iron	ppm	ASTM D5185m	>200	59	---	---
Chromium	ppm	ASTM D5185m	>5	0	---	---
Nickel	ppm	ASTM D5185m	>5	<1	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m	>7	0	---	---
Aluminum	ppm	ASTM D5185m	>25	8	---	---
Lead	ppm	ASTM D5185m	>45	0	---	---
Copper	ppm	ASTM D5185m	>225	69	---	---
Tin	ppm	ASTM D5185m	>10	<1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

### CONTAMINATION

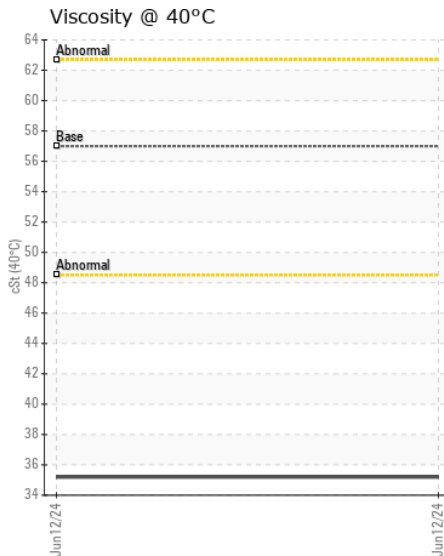
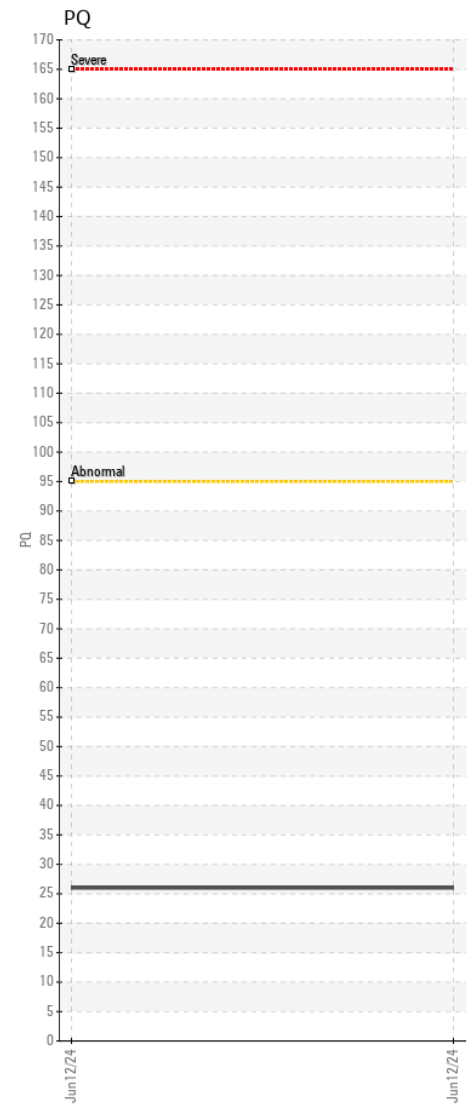
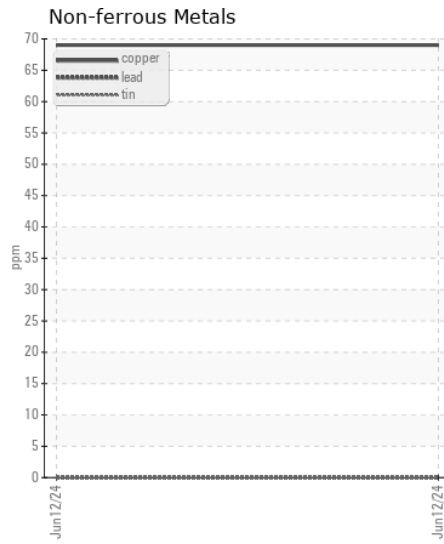
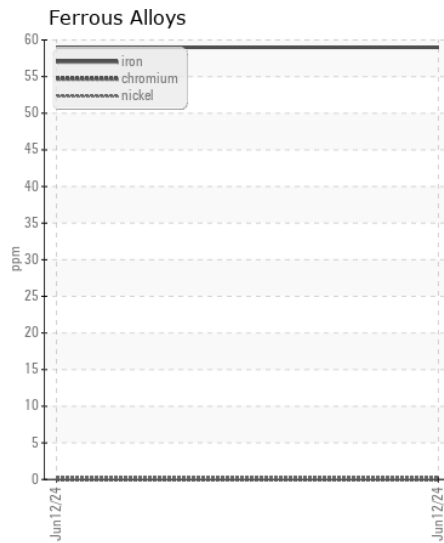
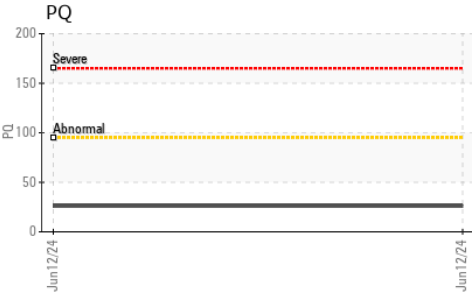
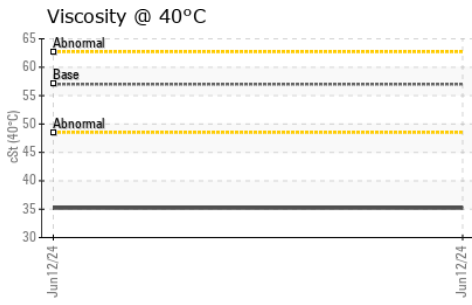
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>125	6	---	---
Potassium	ppm	ASTM D5185m	>20	4	---	---
Water		WC Method	>0.1	NEG	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.1	NEG	---	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		8	---	---
Boron	ppm	ASTM D5185m	6	19	---	---
Barium	ppm	ASTM D5185m	0	3	---	---
Molybdenum	ppm	ASTM D5185m	0	0	---	---
Manganese	ppm	ASTM D5185m		3	---	---
Magnesium	ppm	ASTM D5185m	145	87	---	---
Calcium	ppm	ASTM D5185m	3570	3604	---	---
Phosphorus	ppm	ASTM D5185m	1290	1123	---	---
Zinc	ppm	ASTM D5185m	1640	1374	---	---
Sulfur	ppm	ASTM D5185m		4470	---	---
Visc @ 40°C	cSt	ASTM D445	57.0	35.2	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0218397 **Received** : 17 Jun 2024  
**Lab Number** : 06211988 **Tested** : 19 Jun 2024  
**Unique Number** : 11084852 **Diagnosed** : 19 Jun 2024 - Sean Felton  
**Test Package** : CONST ( Additional Tests: PQ )

**JRE - MANASSAS PARK**  
 9107 OWENS DRIVE  
 MANASSAS PARK, VA  
 US 20111

Contact: DON VEST  
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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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