**WEAR CONTAMINATION FLUID CONDITION**  **NORMAL NORMAL NORMAL** 

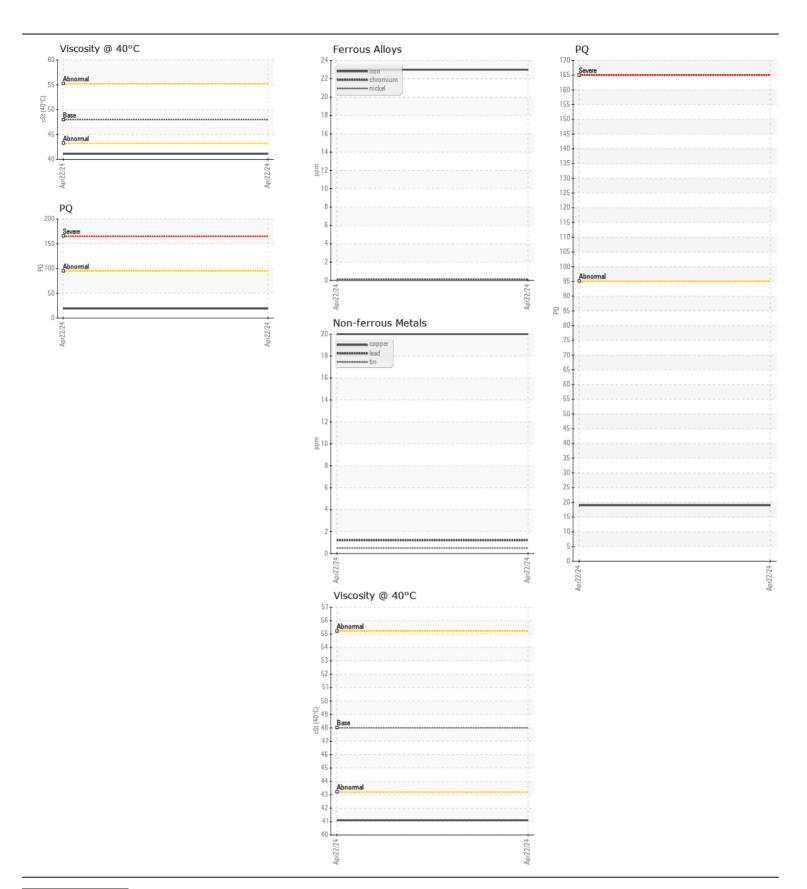
Machine Id

## **JOHN DEERE 310SL 1T0310SLPNF420411**

Transmission (Manual)

TDH FI LIID SAE 75W80 (--- GAL)

TDH FLUID SAE 75W80 ( GAL)					.,		
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor.	Sample Number		Client Info		JR0208903		
	Sample Date		Client Info		22 Apr 2024		
	Machine Age	hrs	Client Info		685		
	Oil Age	hrs	Client Info		685		
	Filter Age	hrs	Client Info		0		
	Oil Changed		Client Info		Not Changd		
	Filter Changed		Client Info		Not Changd		
	Sample Status				NORMAL		
NEAR			ACTA DOLOA	05	40		
WEAR	PQ		ASTM D8184		19		
All component wear rates are normal.	Iron	ppm	ASTM D5185m		23		
	Chromium	ppm	ASTM D5185m		<1		
	Nickel	ppm	ASTM D5185m	>5	0		
	Titanium	ppm	ASTM D5185m	_	0		
	Silver	ppm	ASTM D5185m		0		
	Aluminum	ppm	ASTM D5185m		7		
	Lead	ppm	ASTM D5185m		1		
	Copper	ppm	ASTM D5185m		20		
	Tin	ppm	ASTM D5185m	>10	<1		
	Vanadium	ppm	ASTM D5185m		0		
	White Metal	scalar	*Visual	NONE	NONE		
	Yellow Metal	scalar	*Visual	NONE	NONE		
CONTAMINATION	Silicon	ppm	ASTM D5185m	>125	6		
There is no indication of any contamination in the fluid.	Potassium	ppm	ASTM D5185m	>20	5		
	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	Codium		ACTM DE10E				
	Sodium Boron	ppm	ASTM D5185m ASTM D5185m	10	8 19		
The condition of the fluid is acceptable for the time in service.	Barium	ppm	ASTM D5185m		19		
		ppm	ASTM D5185m				
	Molybdenum Manganese	ppm	ASTM D5185m	10	2		
	-	ppm	ASTM D5185m	100	2 87		
	Magnesium Calcium	ppm					
		ppm	ASTM D5185m		3531		
	Phosphorus	ppm	ASTM D5185m		1042		
	Zinc	ppm	ASTM D5185m		1329		
	Sulfur	ppm	ASTM D5185m		4162		
	Visc @ 40°C	cSt	ASTM D445	48	41.1	J	





Certificate L2367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : JR0208903 Lab Number : 06157901

Unique Number : 10993324

Received **Tested** 

Diagnosed Test Package : CONST ( Additional Tests: PQ )

: 23 Apr 2024 : 24 Apr 2024 : 24 Apr 2024 - Don Baldridge

JRE - GREENVILLE 3604 HIGHWAY 264 E GREENVILLE, NC US 27834-5800

Contact: GREENVILLE SHOP christopher.martin@jamesriverequipment.com T:

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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