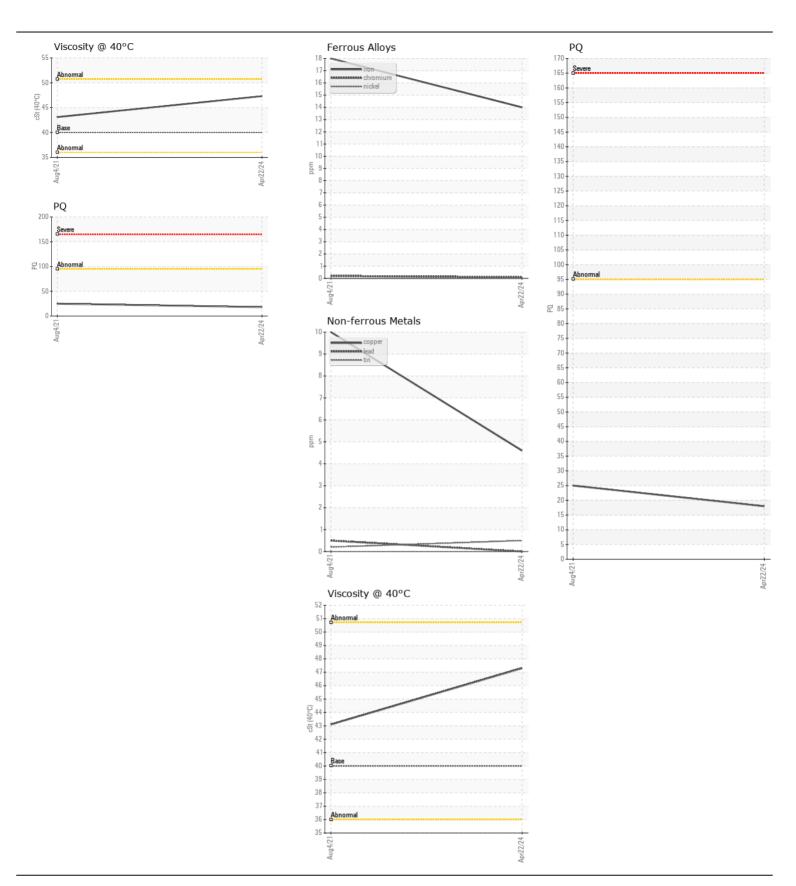
WEAR CONTAMINATION FLUID CONDITION **NORMAL NORMAL NORMAL**

Machine Id

JOHN DEERE 410L 1T0410LXJLF385326

Transmission (Manual)

TDTO FLUID SAE 10W (GAL)							
RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TDTO FLUID SAE 10W. Please confirm.	Sample Number		Client Info		JR0213497	JR0087713	
	Sample Date		Client Info		22 Apr 2024	04 Aug 2021	
	Machine Age	hrs	Client Info		1018	202	
	Oil Age	hrs	Client Info		0	202	
	Filter Age	hrs	Client Info		0	202	
	Oil Changed		Client Info		N/A	N/A	
	Filter Changed		Client Info		N/A	N/A	
	Sample Status				NORMAL	NORMAL	
WEAR	PQ		ASTM D8184	>95	18	25	
All component wear rates are normal.	Iron	ppm	ASTM D5185m	>200	14	18	
	Chromium	ppm	ASTM D5185m	>5	<1	<1	
	Nickel	ppm	ASTM D5185m	>5	0	0	
	Titanium	ppm	ASTM D5185m		0	0	
	Silver	ppm	ASTM D5185m	>7	0	0	
	Aluminum	ppm	ASTM D5185m	>25	3	4	
	Lead	ppm	ASTM D5185m	>45	0	<1	
	Copper	ppm	ASTM D5185m	>225	5	10	
	Tin	ppm	ASTM D5185m	>10	<1	<1	
	Vanadium	ppm	ASTM D5185m		0	0	
	White Metal	scalar	*Visual	NONE	NONE	NONE	
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
CONTAMINATION	Silicon	ppm	ASTM D5185m	>125	4	5	
There is no indication of any contamination in the fluid.	Potassium	ppm	ASTM D5185m	>20	2	1	
	Water		WC Method	>0.1	NEG	NEG	
	Silt	scalar	*Visual	NONE	NONE	NONE	
	Debris	scalar	*Visual	NONE	NONE	NONE	
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
	Appearance	scalar	*Visual	NORML	NORML	NORML	
	Odor	scalar	*Visual	NORML	NORML	NORML	
	Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	
FLUID CONDITION	Sodium	ppm	ASTM D5185m		3	5	
The condition of the fluid is acceptable for the time in service.	Boron	ppm	ASTM D5185m	37	6	29	
	Barium	ppm	ASTM D5185m	7	1	0	
	Molybdenum	ppm	ASTM D5185m	5	0	<1	
	Manganese	ppm	ASTM D5185m		1	3	
	Magnesium	ppm	ASTM D5185m	40	71	92	
	Calcium	ppm	ASTM D5185m	2650	3177	3818	
	Phosphorus	ppm	ASTM D5185m		939	1099	
	Zinc	ppm	ASTM D5185m		1172	1311	
	Sulfur	ppm	ASTM D5185m		3503	3499	
Report Id: JAMGRE [WLISCAR] 06157897 (Generated: 04/24/2024 06:29:31) Rev: 1	Visc @ 40°C	cSt	ASTM D445		47.3	43.1	







Laboratory Sample No.

: JR0213497 Lab Number : 06157897 Unique Number : 10993320

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received **Tested** Diagnosed Test Package : CONST (Additional Tests: PQ)

: 23 Apr 2024 : 24 Apr 2024

: 24 Apr 2024 - Wes Davis

JRE - GREENSBORO 411 SOUTH REGIONAL ROAD GREENSBORO, NC US 27409

Contact: NICK GALLAHER NGALLAHER@JRENET.COM T: (336)668-2762

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) F: (336)665-9556