James River Equipment
OIL ANALYSIS REPORT

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

Machine Id
JOHN DEERE 750L 1T0750LXVMF401594
Component
Right Inner Final Drive
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		JR0202768	---	---
Sample Date		Client Info		27 Feb 2024	---	---
Machine Age	hrs	Client Info		2522	---	---
Oil Age	hrs	Client Info		1109	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

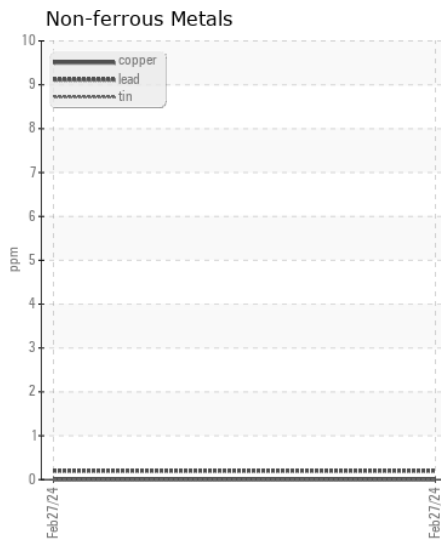| Test	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184	>1250	60	---	---
Iron	ppm	ASTM D5185m	>750	86	---	---
Chromium	ppm	ASTM D5185m	>9	<1	---	---
Nickel	ppm	ASTM D5185m	>10	0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>40	<1	---	---
Lead	ppm	ASTM D5185m	>15	<1	---	---
Copper	ppm	ASTM D5185m	>40	0	---	---
Tin	ppm	ASTM D5185m	>10	0	---	---
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 oil.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>75	6	---	---
Potassium	ppm	ASTM D5185m	>20	0	---	---
Water		WC Method	>0.075	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	>0.075	NEG	---	---

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m	>51	1	---	---
Boron	ppm	ASTM D5185m	6	<1	---	---
Barium	ppm	ASTM D5185m	0	0	---	---
Molybdenum	ppm	ASTM D5185m	0	0	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m	145	94	---	---
Calcium	ppm	ASTM D5185m	3570	3275	---	---
Phosphorus	ppm	ASTM D5185m	1290	980	---	---
Zinc	ppm	ASTM D5185m	1640	1169	---	---
Sulfur	ppm	ASTM D5185m		3166	---	---
Visc @ 40°C	cSt	ASTM D445	57.0	51.3	---	---

Viscosity @ 40°C

PQ

Ferrous Alloys

- iron
- chromium
- nickel

Non-ferrous Metals

- copper
- lead
- tin

Viscosity @ 40°C

PQ
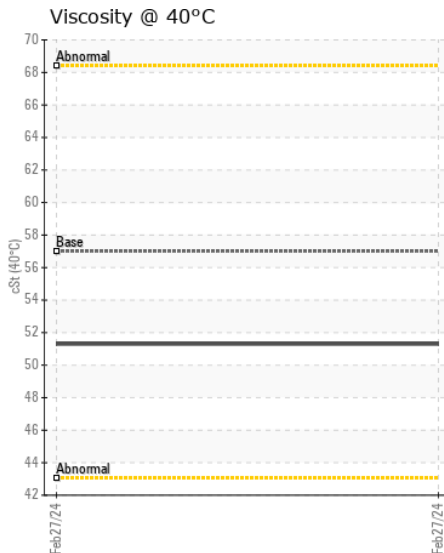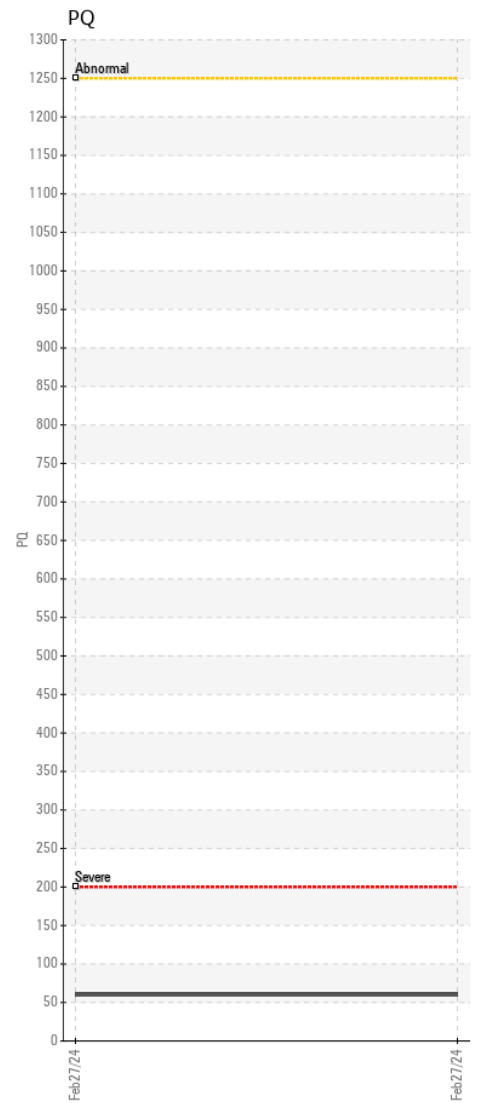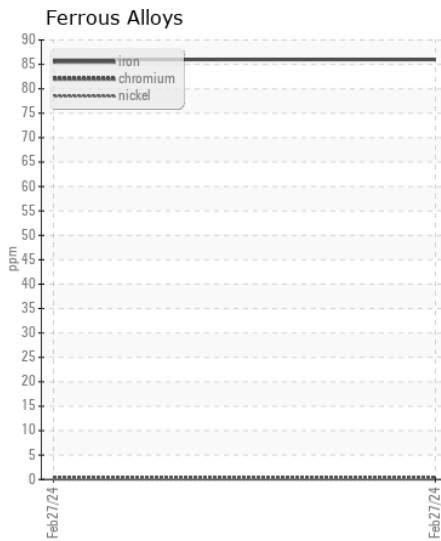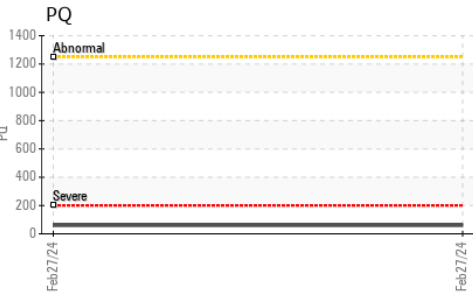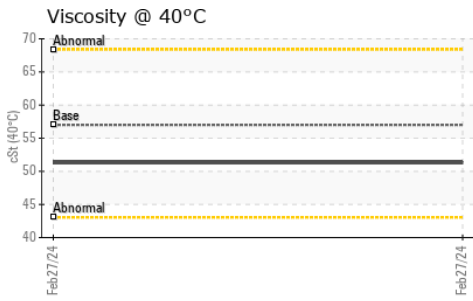
Laboratory	: WearCheck USA - 501 Madison Ave., Cary, NC 27513		**JRE - GARNER**
Sample No.	: JR0202768	**Received** : 29 Feb 2024	4161 AUBURN CHURCH RD
Lab Number	: 06104605	**Tested** : 01 Mar 2024	GARNER, NC
Unique Number	: 10902835	**Diagnosed** : 04 Mar 2024 - Don Baldridge	US 27529
Test Package	: CONST (Additional Tests: PQ)		Contact: RALEIGH SHOP

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)

sean.betts@jamesriverequipment.com;catherine.anastasio@wearcheck.com
T: (919)614-2260
F: (919)779-5432

Certificate L2367

Report Id: RWMGAR [WUSCAR] 06104605 (Generated: 03/04/2024 17:14:02) Rev: 1

Contact/Location: RALEIGH SHOP - RWMGAR

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