



**James River
Equipment**

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 750K 1T0750KXJLF368013
Component
Right Inner Final Drive
Fluid
NOT GIVEN (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0214035	JR0200700	---
Sample Date		Client Info		08 Jul 2024	07 Mar 2024	---
Machine Age	hrs	Client Info		4489	4018	---
Oil Age	hrs	Client Info		471	4018	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Chngd	Changed	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	28	54	---
Iron	ppm	ASTM D5185m	>750	28	106	---
Chromium	ppm	ASTM D5185m	>9	0	1	---
Nickel	ppm	ASTM D5185m	>10	0	<1	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	<1	2	---
Lead	ppm	ASTM D5185m	>15	0	3	---
Copper	ppm	ASTM D5185m	>40	0	1	---
Tin	ppm	ASTM D5185m	>10	0	<1	---
Vanadium	ppm	ASTM D5185m		0	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

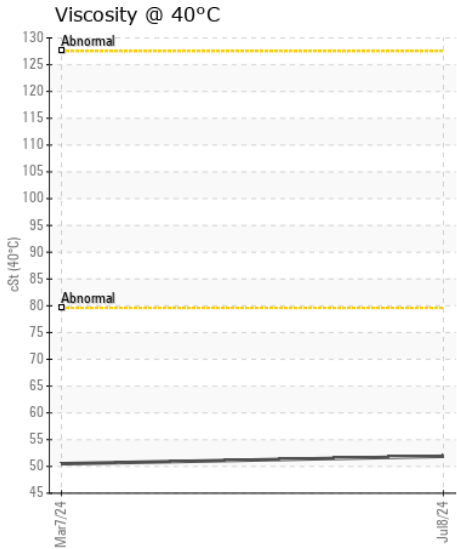
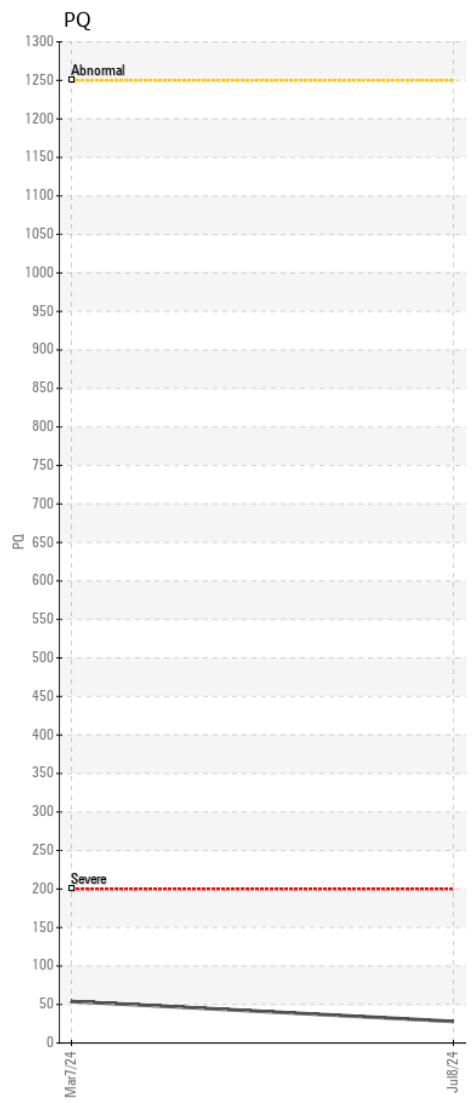
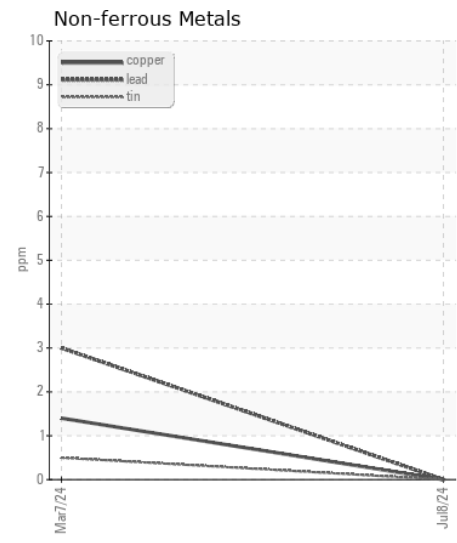
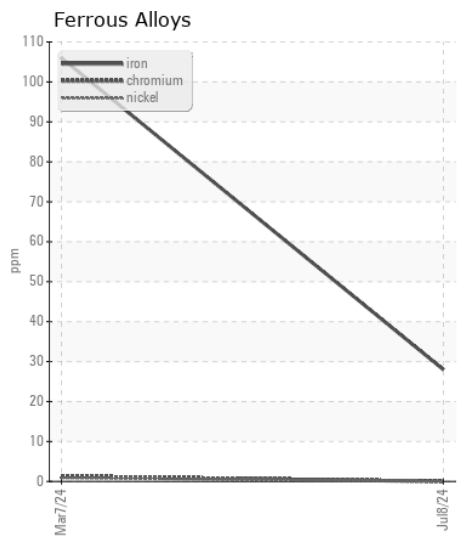
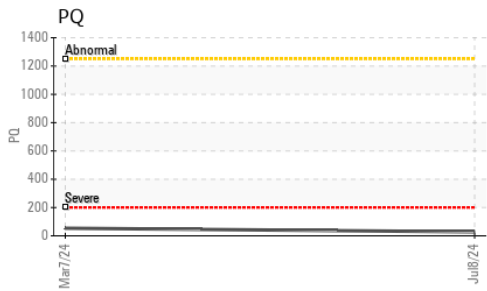
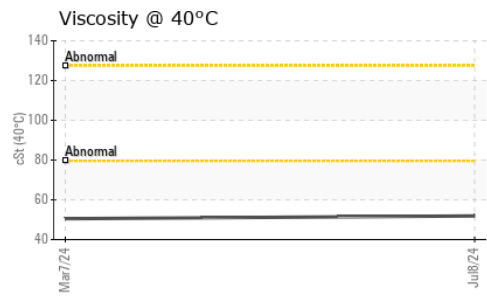
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	5	6	---
Potassium	ppm	ASTM D5185m	>20	0	2	---
Water		WC Method	>0.075	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	>0.075	NEG	NEG	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m	>51	2	4	---
Boron	ppm	ASTM D5185m		18	3	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		15	<1	---
Manganese	ppm	ASTM D5185m		0	2	---
Magnesium	ppm	ASTM D5185m		131	90	---
Calcium	ppm	ASTM D5185m		3237	3061	---
Phosphorus	ppm	ASTM D5185m		1022	955	---
Zinc	ppm	ASTM D5185m		1158	1154	---
Sulfur	ppm	ASTM D5185m		3786	4144	---
Visc @ 40°C	cSt	ASTM D445		51.9	50.5	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0214035 **Received** : 09 Jul 2024
Lab Number : 06231673 **Tested** : 10 Jul 2024
Unique Number : 11115166 **Diagnosed** : 10 Jul 2024 - Wes Davis
Test Package : CONST (Additional Tests: PQ)

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

Contact: GREENVILLE SHOP
 christopher.martin@jamesriverequipment.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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F: