



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 210P 1FF210PAVPF000576
 Component
Left Final Drive
 Fluid
JOHN DEERE GL-5 80W90 (10 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0201274	JR0200966	---
Sample Date		Client Info		19 Mar 2024	22 Jan 2024	---
Machine Age	hrs	Client Info		1067	532	---
Oil Age	hrs	Client Info		1067	532	---
Filter Age	hrs	Client Info		0	532	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		N/A	Not Changd	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	136	162	---
Iron	ppm	ASTM D5185m	>750	139	112	---
Chromium	ppm	ASTM D5185m	>9	2	2	---
Nickel	ppm	ASTM D5185m	>10	0	<1	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>40	0	3	---
Lead	ppm	ASTM D5185m	>15	0	<1	---
Copper	ppm	ASTM D5185m	>40	<1	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

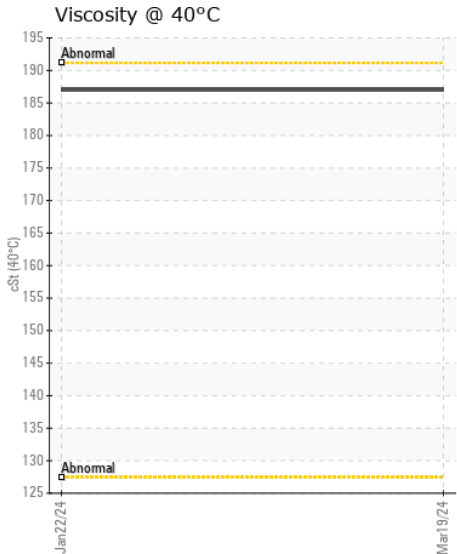
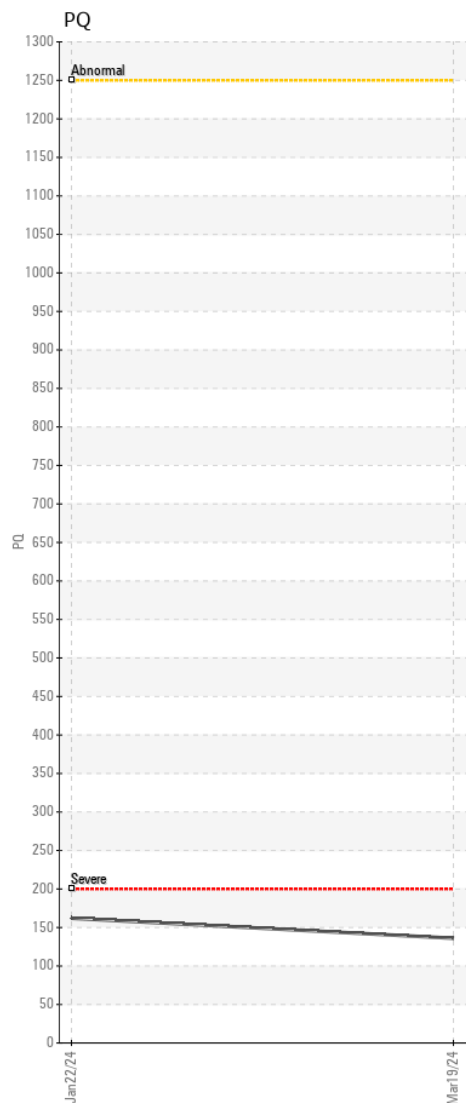
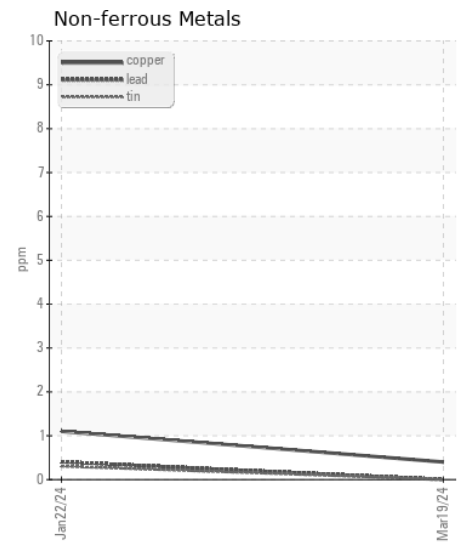
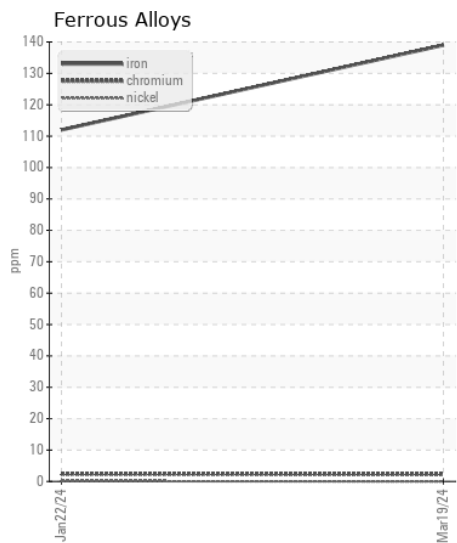
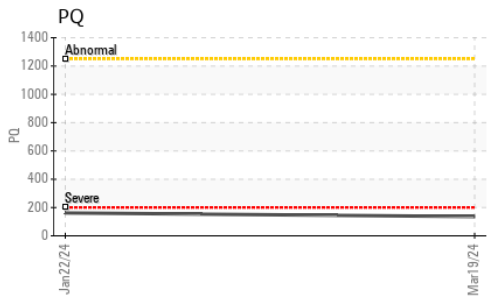
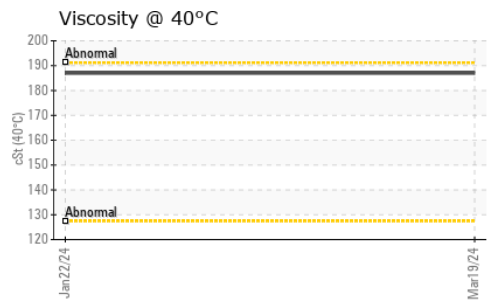
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	13	13	---
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	<1	0	---
Boron	ppm	ASTM D5185m		69	73	---
Barium	ppm	ASTM D5185m		5	1	---
Molybdenum	ppm	ASTM D5185m		0	<1	---
Manganese	ppm	ASTM D5185m		3	3	---
Magnesium	ppm	ASTM D5185m		0	0	---
Calcium	ppm	ASTM D5185m		24	14	---
Phosphorus	ppm	ASTM D5185m		500	511	---
Zinc	ppm	ASTM D5185m		17	3	---
Sulfur	ppm	ASTM D5185m		17365	18085	---
Visc @ 40°C	cSt	ASTM D445		187	187	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0201274 **Received** : 20 Mar 2024
Lab Number : 06123906 **Tested** : 21 Mar 2024
Unique Number : 10938057 **Diagnosed** : 22 Mar 2024 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

JRE - NEW BERN
 3816 MARTIN LUTHER KING BLVD
 NEW BERN, NC
 US 28562
 Contact: NEW BERN SHOP
 nick.etherdridge@jamesriverequipment.com; canastasio@wearcheckusa.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: