



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 210P 1FF210PACPF001127
 Component
Swing Drive
 Fluid
GEAR OIL SAE 80W90 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0225987	JR0208754	---
Sample Date		Client Info		03 Jul 2024	24 Mar 2024	---
Machine Age	hrs	Client Info		965	489	---
Oil Age	hrs	Client Info		965	489	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		24	41	---
Iron	ppm	ASTM D5185m	>151	17	65	---
Chromium	ppm	ASTM D5185m	>11	<1	<1	---
Nickel	ppm	ASTM D5185m	>10	0	<1	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>21	2	<1	---
Lead	ppm	ASTM D5185m	>51	2	<1	---
Copper	ppm	ASTM D5185m	>51	5	<1	---
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

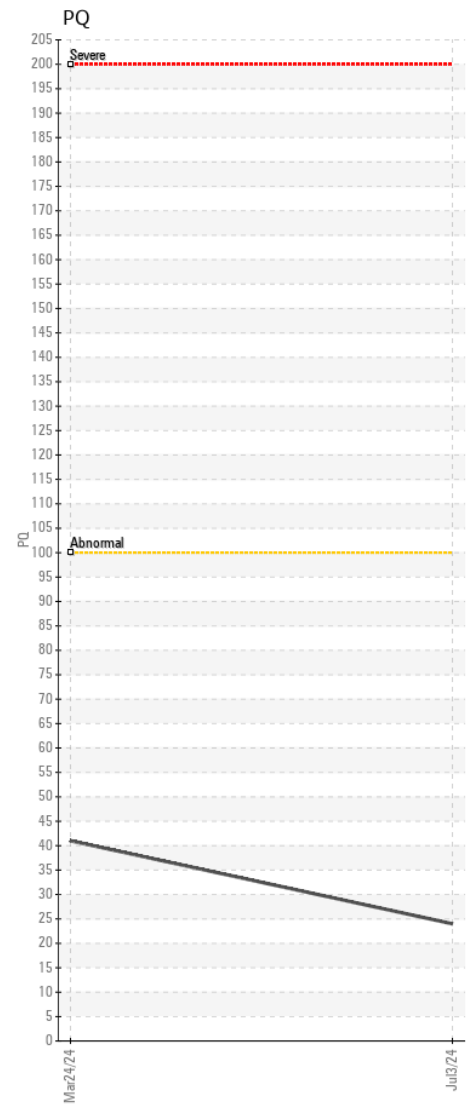
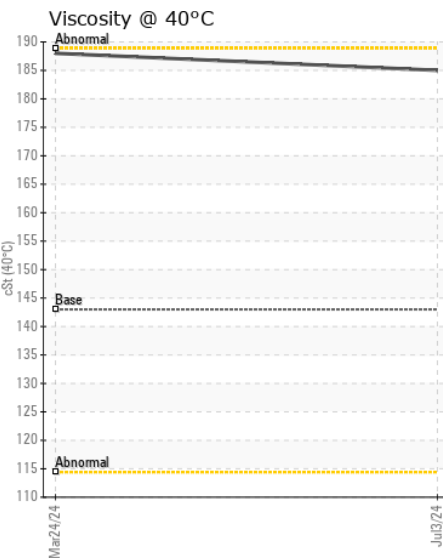
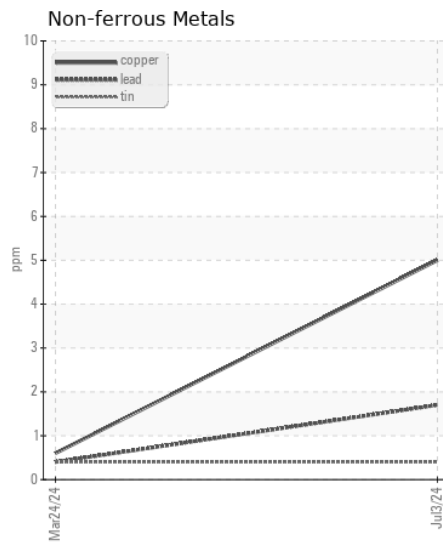
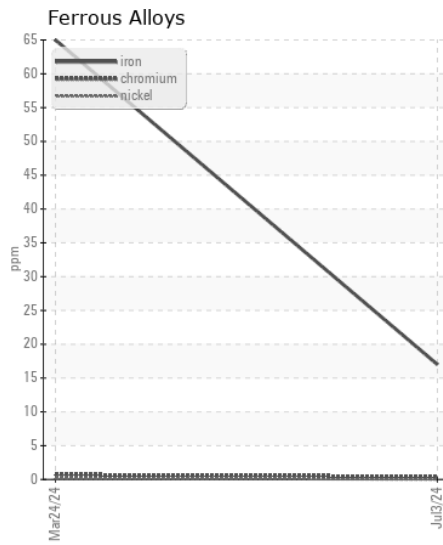
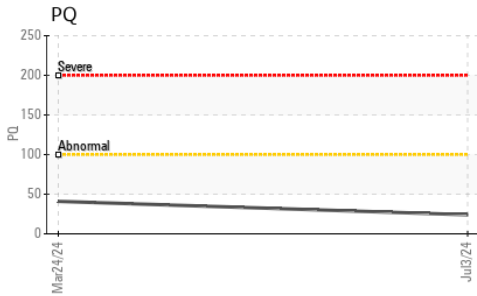
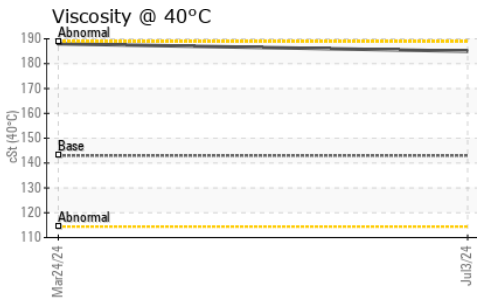
There is no indication of any contamination in the oil.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>31	4	16	---
Potassium	ppm	ASTM D5185m	>20	1	3	---
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

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sodium	ppm	ASTM D5185m	>170	1	3	---
Boron	ppm	ASTM D5185m	400	38	82	---
Barium	ppm	ASTM D5185m	200	0	3	---
Molybdenum	ppm	ASTM D5185m	12	3	<1	---
Manganese	ppm	ASTM D5185m		0	2	---
Magnesium	ppm	ASTM D5185m	12	30	<1	---
Calcium	ppm	ASTM D5185m	150	2887	52	---
Phosphorus	ppm	ASTM D5185m	1650	991	539	---
Zinc	ppm	ASTM D5185m	125	1230	16	---
Sulfur	ppm	ASTM D5185m	22500	4782	17196	---
Visc @ 40°C	cSt	ASTM D445	143	185	188	---



Certificate L2367

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

Sample No. : JR0225987

Lab Number : 06228913

Unique Number : 11112406

Test Package : CONST (Additional Tests: PQ)

Received : 05 Jul 2024

Tested : 08 Jul 2024

Diagnosed : 08 Jul 2024 - Don Baldrige

JRE - GREENVILLE

3604 HIGHWAY 264 E

GREENVILLE, NC

US 27834-5800

Contact: GREENVILLE SHOP

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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)

T:

F: