



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 892D-LC FF892DL006513
 Component
Swing Drive Gear Case
 Fluid
JOHN DEERE GL-5 80W90 (8 QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0084564	JR0163023	---
Sample Date		Client Info		29 May 2024	09 Mar 2023	---
Machine Age	hrs	Client Info		2846	2846	---
Oil Age	hrs	Client Info		2846	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		None	N/A	---
Sample Status				NORMAL	SEVERE	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184		17	26	---
Iron	ppm	ASTM D5185m	>200	36	▲ 193	---
Chromium	ppm	ASTM D5185m	>10	<1	2	---
Nickel	ppm	ASTM D5185m	>10	0	<1	---
Titanium	ppm	ASTM D5185m		<1	4	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m		0	4	---
Lead	ppm	ASTM D5185m		3	16	---
Copper	ppm	ASTM D5185m		13	48	---
Tin	ppm	ASTM D5185m		<1	5	---
Vanadium	ppm	ASTM D5185m		0	<1	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

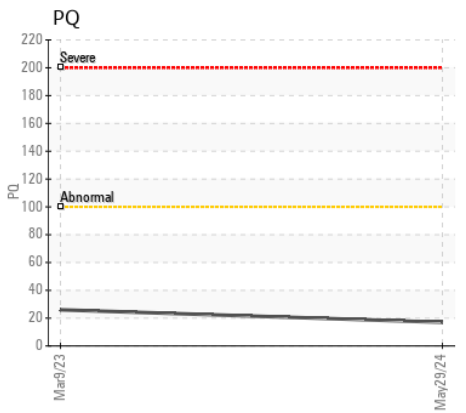
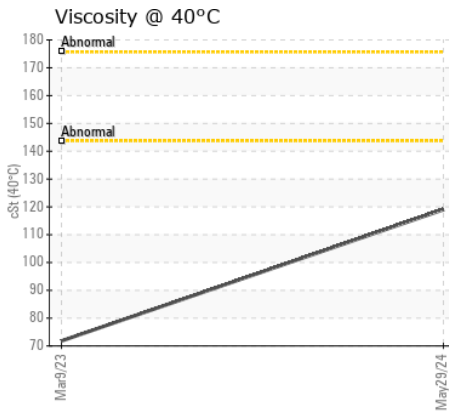
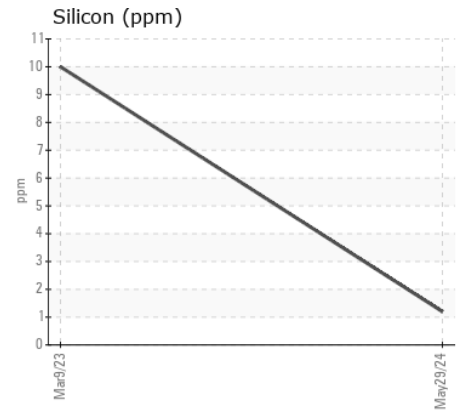
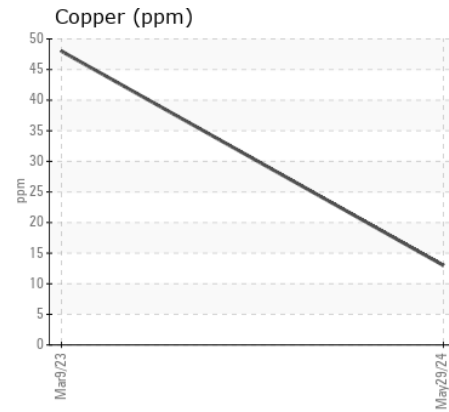
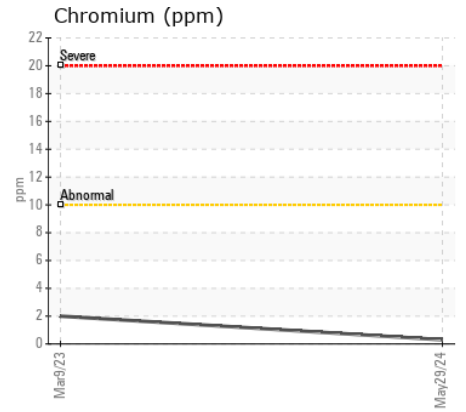
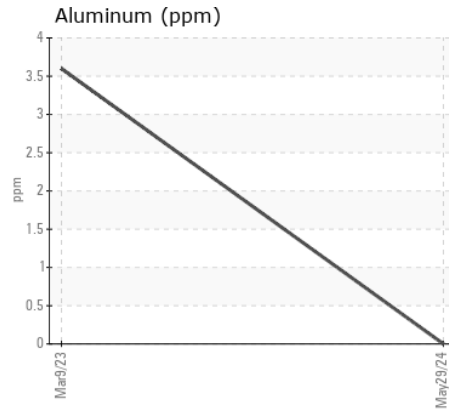
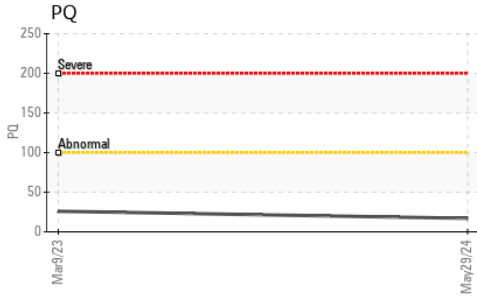
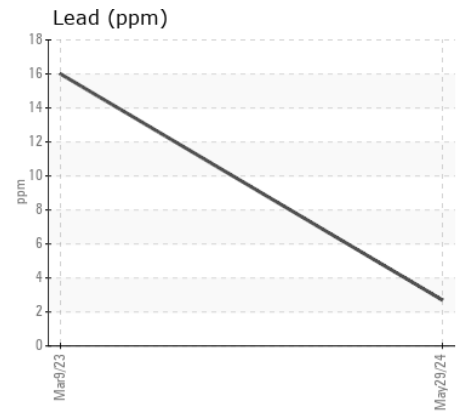
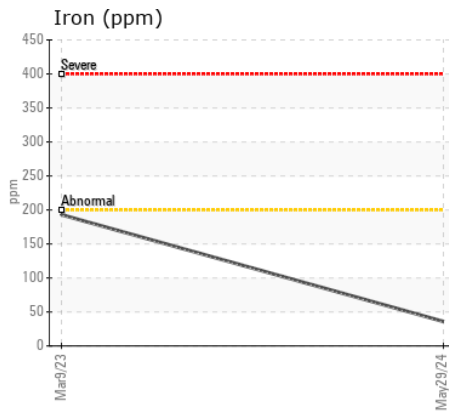
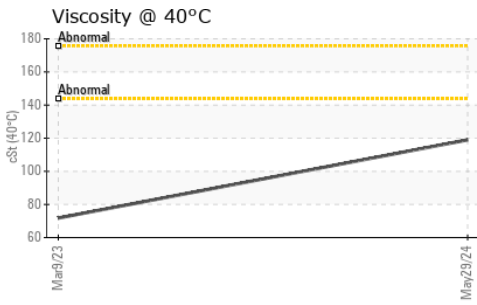
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m		1	10	---
Potassium	ppm	ASTM D5185m	>20	<1	13	---
Water		WC Method	>0.2	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	▲ MODER	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	● MILKY	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	NEG	▲ 0.2%	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<1	11	---
Boron	ppm	ASTM D5185m		4	73	---
Barium	ppm	ASTM D5185m		0	0	---
Molybdenum	ppm	ASTM D5185m		3	1	---
Manganese	ppm	ASTM D5185m		<1	2	---
Magnesium	ppm	ASTM D5185m		<1	13	---
Calcium	ppm	ASTM D5185m		18	1379	---
Phosphorus	ppm	ASTM D5185m		326	1119	---
Zinc	ppm	ASTM D5185m		5	769	---
Sulfur	ppm	ASTM D5185m		22469	16354	---
Visc @ 40°C	cSt	ASTM D445		119	● 71.8	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0084564 **Received** : 31 May 2024
Lab Number : 06196960 **Tested** : 03 Jun 2024
Unique Number : 11059083 **Diagnosed** : 03 Jun 2024 - Sean Felton
Test Package : MOBCE (Additional Tests: PQ)

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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