



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 50G 1FF050GXHH286446
 Component
Pump Drive
 Fluid
{not provided} (--- 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		JR0203852	JR0017926	---
Sample Date		Client Info		28 Feb 2024	10 Sep 2019	---
Machine Age	hrs	Client Info		3446	973	---
Oil Age	hrs	Client Info		2473	500	---
Filter Age	hrs	Client Info		0	500	---
Oil Changed		Client Info		Not Changd	Changed	---
Filter Changed		Client Info		N/A	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184		16	59	---
Iron	ppm	ASTM D5185m	>151	0	189	---
Chromium	ppm	ASTM D5185m	>11	<1	6	---
Nickel	ppm	ASTM D5185m	>10	0	0	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	<1	---
Aluminum	ppm	ASTM D5185m	>21	0	3	---
Lead	ppm	ASTM D5185m	>51	0	<1	---
Copper	ppm	ASTM D5185m	>51	<1	1	---
Tin	ppm	ASTM D5185m	>4	<1	<1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

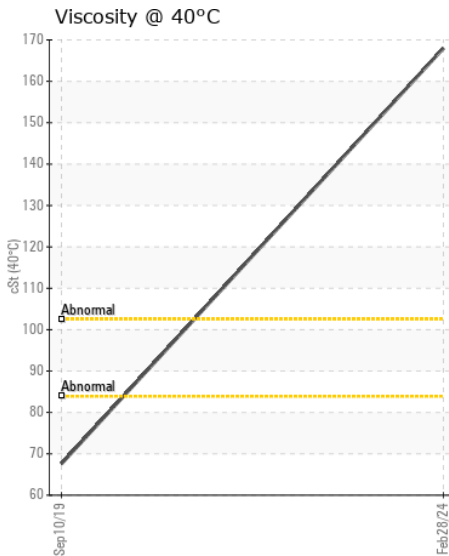
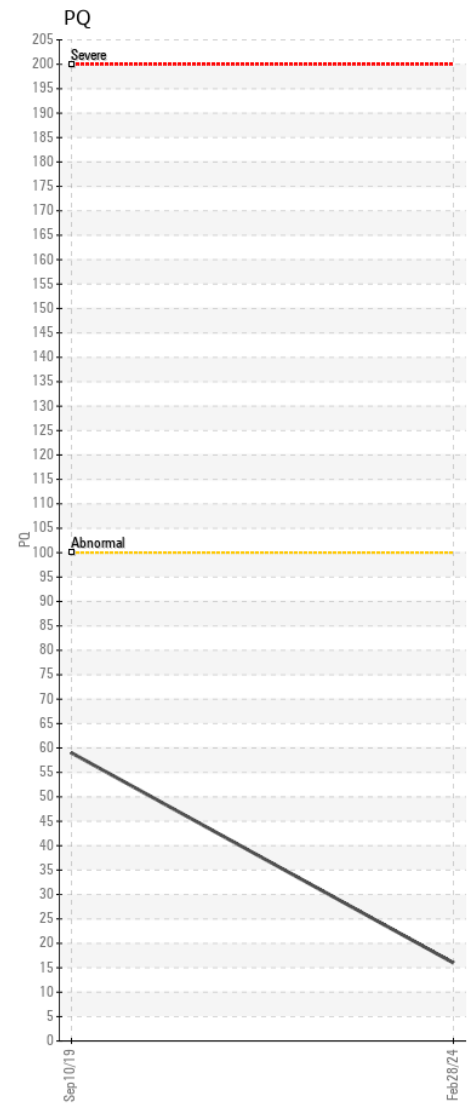
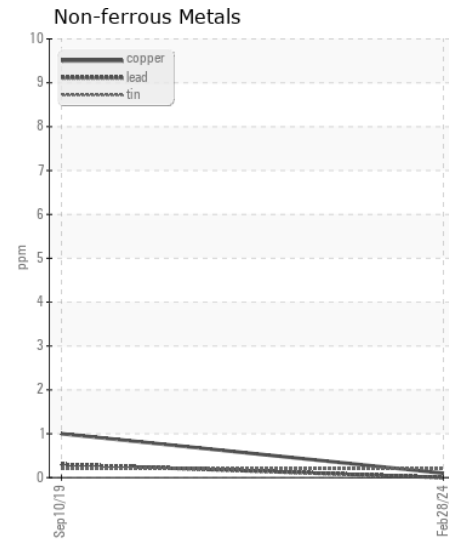
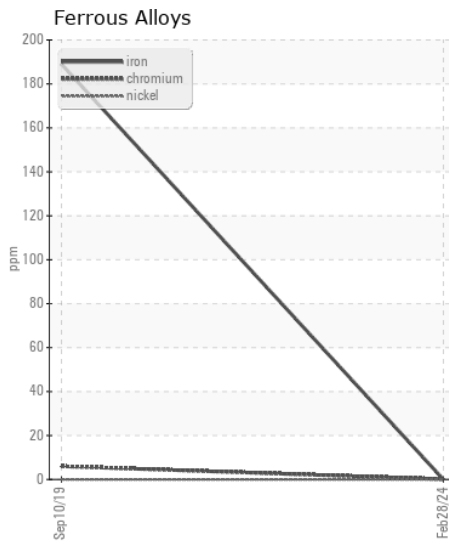
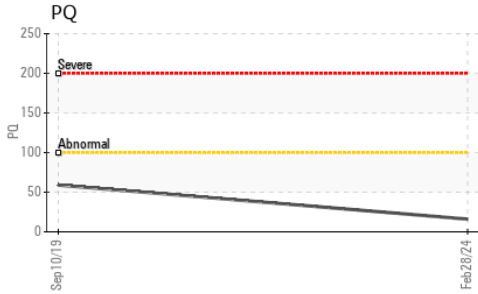
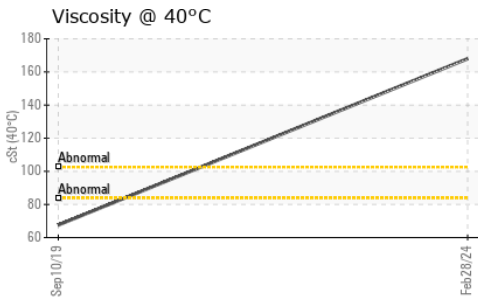
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>31	<1	45	---
Potassium	ppm	ASTM D5185m	>20	0	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.

Sodium	ppm	ASTM D5185m	>51	<1	4	---
Boron	ppm	ASTM D5185m		29	52	---
Barium	ppm	ASTM D5185m		0	10	---
Molybdenum	ppm	ASTM D5185m		0	97	---
Manganese	ppm	ASTM D5185m		<1	9	---
Magnesium	ppm	ASTM D5185m		<1	12	---
Calcium	ppm	ASTM D5185m		2	4049	---
Phosphorus	ppm	ASTM D5185m		785	1052	---
Zinc	ppm	ASTM D5185m		0	1223	---
Sulfur	ppm	ASTM D5185m		19291	7305	---
Visc @ 40°C	cSt	ASTM D445		168	67.6	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0203852 **Received** : 01 Mar 2024
Lab Number : 06106373 **Tested** : 03 Mar 2024
Unique Number : 10909870 **Diagnosed** : 05 Mar 2024 - Sean Felton
Test Package : CONST (Additional Tests: PQ)

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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)