



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
[05W44116]
 Machine Id
JOHN DEERE 160G C233358 (S/N 1FF160GXTLF058109)
 Component
Left Final Drive
 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		JR0196070	JR0123243	---
Sample Date		Client Info		08 Jan 2024	23 Apr 2022	---
Machine Age	hrs	Client Info		4830	1909	---
Oil Age	hrs	Client Info		4830	1909	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

PQ		ASTM D8184	>1250	53	60	---
Iron	ppm	ASTM D5185m	>750	47	55	---
Chromium	ppm	ASTM D5185m	>9	<1	2	---
Nickel	ppm	ASTM D5185m	>10	0	<1	---
Titanium	ppm	ASTM D5185m		<1	<1	---
Silver	ppm	ASTM D5185m		0	<1	---
Aluminum	ppm	ASTM D5185m	>40	0	1	---
Lead	ppm	ASTM D5185m	>15	0	1	---
Copper	ppm	ASTM D5185m	>40	0	<1	---
Tin	ppm	ASTM D5185m	>10	0	<1	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	MODER	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

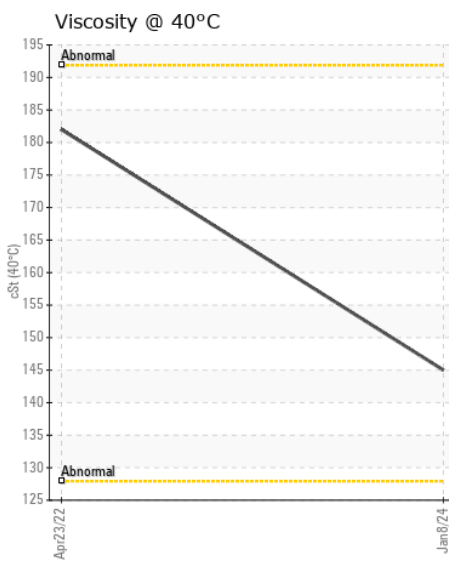
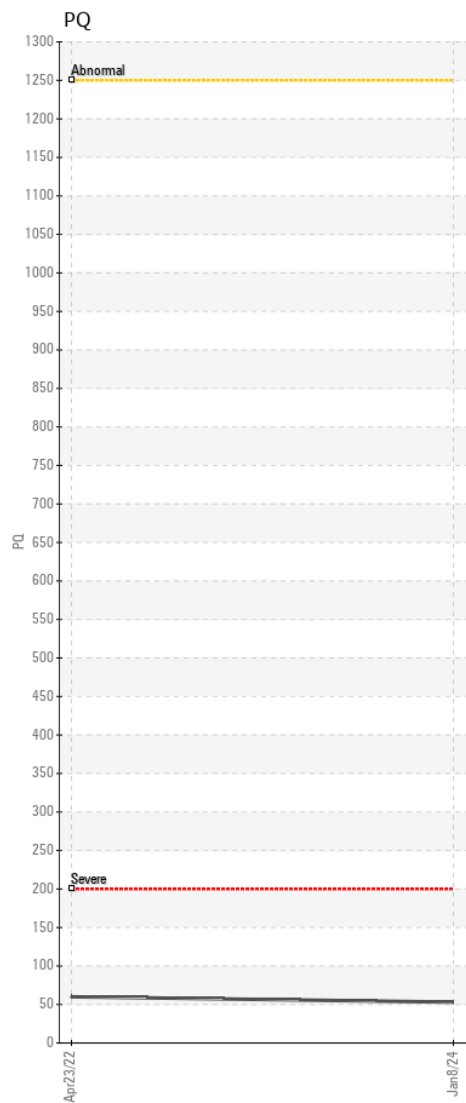
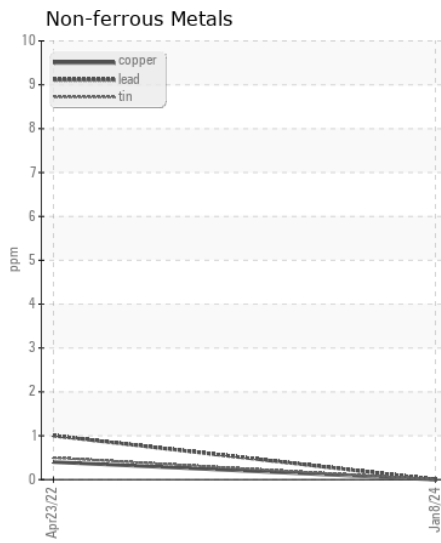
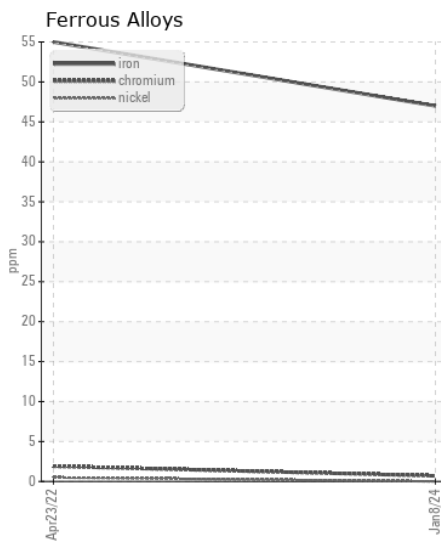
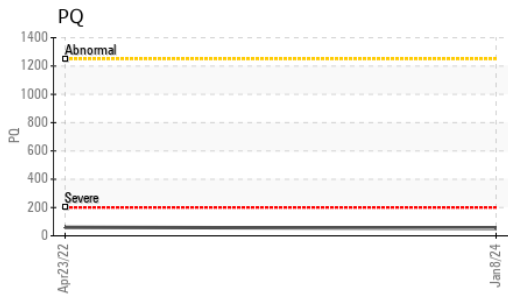
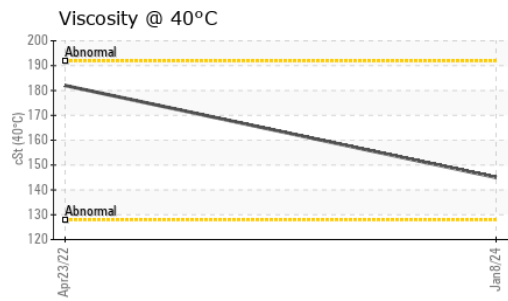
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	6	16	---
Potassium	ppm	ASTM D5185m	>20	<1	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	<1	---
Boron	ppm	ASTM D5185m		13	68	---
Barium	ppm	ASTM D5185m		0	1	---
Molybdenum	ppm	ASTM D5185m		0	<1	---
Manganese	ppm	ASTM D5185m		3	5	---
Magnesium	ppm	ASTM D5185m		12	<1	---
Calcium	ppm	ASTM D5185m		9	9	---
Phosphorus	ppm	ASTM D5185m		317	554	---
Zinc	ppm	ASTM D5185m		0	20	---
Sulfur	ppm	ASTM D5185m		17370	13534	---
Visc @ 40°C	cSt	ASTM D445		145	182	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0196070 **Received** : 09 Jan 2024
Lab Number : 06056052 **Diagnosed** : 10 Jan 2024
Unique Number : 10822001 **Diagnostician** : Don Baldrige
Test Package : CONST (Additional Tests: PQ)

C & D RECOVERY
 24024 FREDERICK RD
 CLARKSBURG, MD
 US 20871
 Contact: HERBIE TRENT

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: