



WEAR	ABNORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
JOHN DEERE 60G 27002001
 Component
Left Final Drive
 Fluid
JOHN DEERE GL-5 80W90 (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor. (Customer Sample Comment: W35267)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		JR0139350	JR0133291	---
Sample Date		Client Info		10 Aug 2022	12 Jul 2022	---
Machine Age	hrs	Client Info		1002	501	---
Oil Age	hrs	Client Info		1002	501	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		None	N/A	---
Sample Status				ABNORMAL	NORMAL	---

WEAR

The lead level is abnormal. All other metal levels are typical for a new component breaking in.

PQ		ASTM D8184	>1250	128	80	---
Iron	ppm	ASTM D5185m	>500	174	129	---
Chromium	ppm	ASTM D5185m	>10	3	4	---
Nickel	ppm	ASTM D5185m		0	0	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	2	1	---
Lead	ppm	ASTM D5185m	>25	▲ 118	<1	---
Copper	ppm	ASTM D5185m	>50	9	2	---
Tin	ppm	ASTM D5185m	>10	<1	0	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	MODER	MODER	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

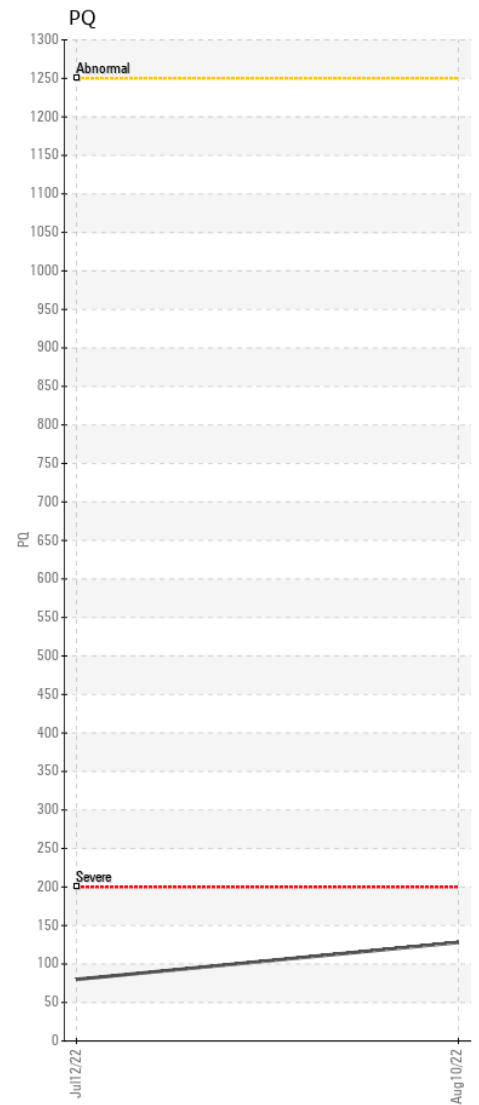
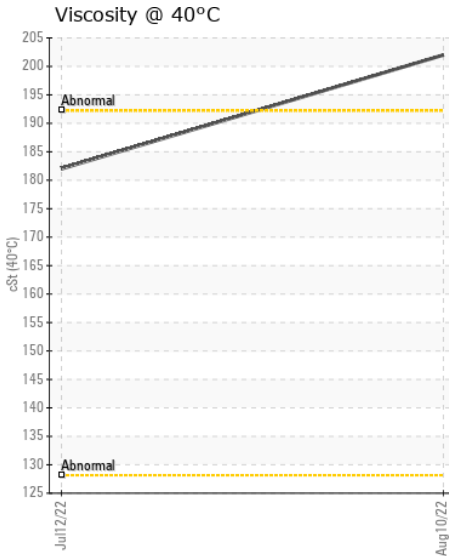
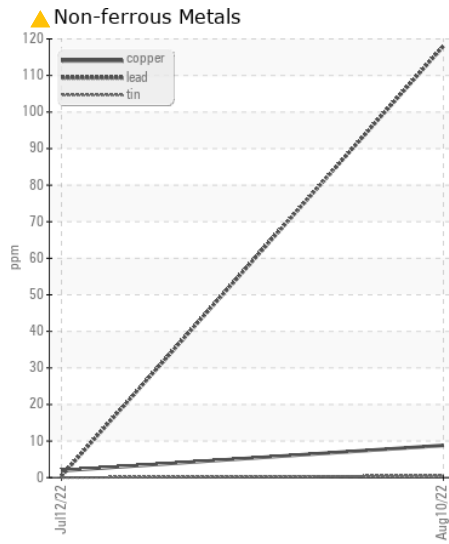
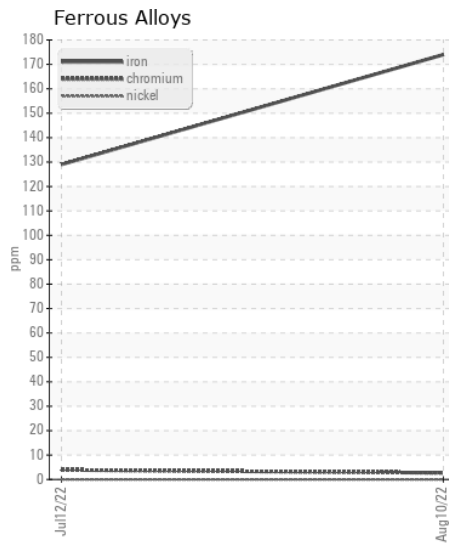
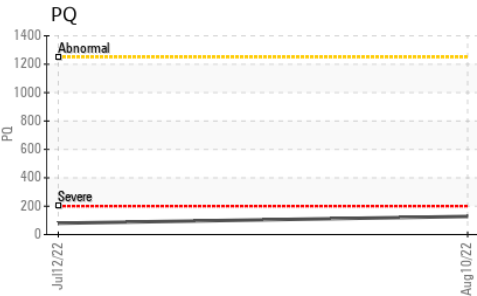
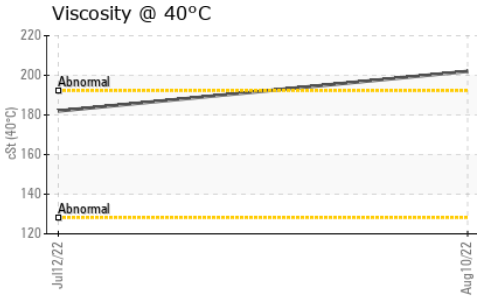
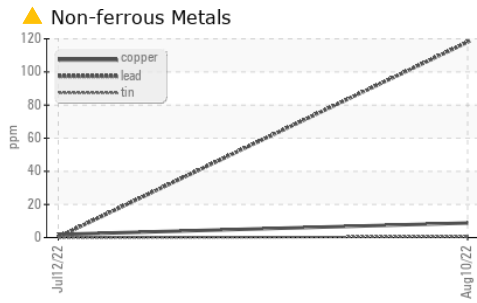
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>75	3	7	---
Potassium	ppm	ASTM D5185m	>20	1	45	---
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	0	2	---
Boron	ppm	ASTM D5185m		7	51	---
Barium	ppm	ASTM D5185m		12	0	---
Molybdenum	ppm	ASTM D5185m		0	0	---
Manganese	ppm	ASTM D5185m		4	4	---
Magnesium	ppm	ASTM D5185m		<1	2	---
Calcium	ppm	ASTM D5185m		4	24	---
Phosphorus	ppm	ASTM D5185m		130	467	---
Zinc	ppm	ASTM D5185m		16	119	---
Sulfur	ppm	ASTM D5185m		8879	17056	---
Visc @ 40°C	cSt	ASTM D445		202	182	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JR0139350 **Received** : 11 Aug 2022
Lab Number : 05615088 **Tested** : 12 Aug 2022
Unique Number : 10089582 **Diagnosed** : 13 Aug 2022 - Don Baldrige
Test Package : CONST (Additional Tests: PQ)

JRE - GARNER
 4161 AUBURN CHURCH RD
 GARNER, NC
 US 27529

Contact: TECHNICIAN ACCOUNT
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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)

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