



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**JOHN DEERE 160G 1FF160XANF058607**

Component  
**Pump Drive**

Fluid  
**{not provided} (--- QTS)**

### 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		<b>JR0206695</b>	JR0150228	---
Sample Date		Client Info		<b>16 Apr 2024</b>	08 Nov 2022	---
Machine Age	hrs	Client Info		<b>1001</b>	457	---
Oil Age	hrs	Client Info		<b>544</b>	500	---
Filter Age	hrs	Client Info		<b>0</b>	500	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>N/A</b>	Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

PQ	UOM	Method	Limit/Abn	Current	History1	History2
PQ		ASTM D8184		<b>17</b>	7	---
Iron	ppm	ASTM D5185m	>151	<b>77</b>	41	---
Chromium	ppm	ASTM D5185m	>11	<b>2</b>	<1	---
Nickel	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	---
Titanium	ppm	ASTM D5185m		<b>1</b>	<1	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>21	<b>6</b>	3	---
Lead	ppm	ASTM D5185m	>51	<b>1</b>	<1	---
Copper	ppm	ASTM D5185m	>51	<b>2</b>	1	---
Tin	ppm	ASTM D5185m	>4	<b>&lt;1</b>	<1	---
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	MODER	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---

### CONTAMINATION

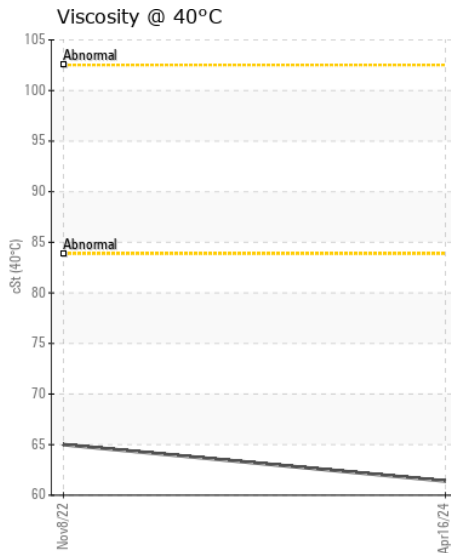
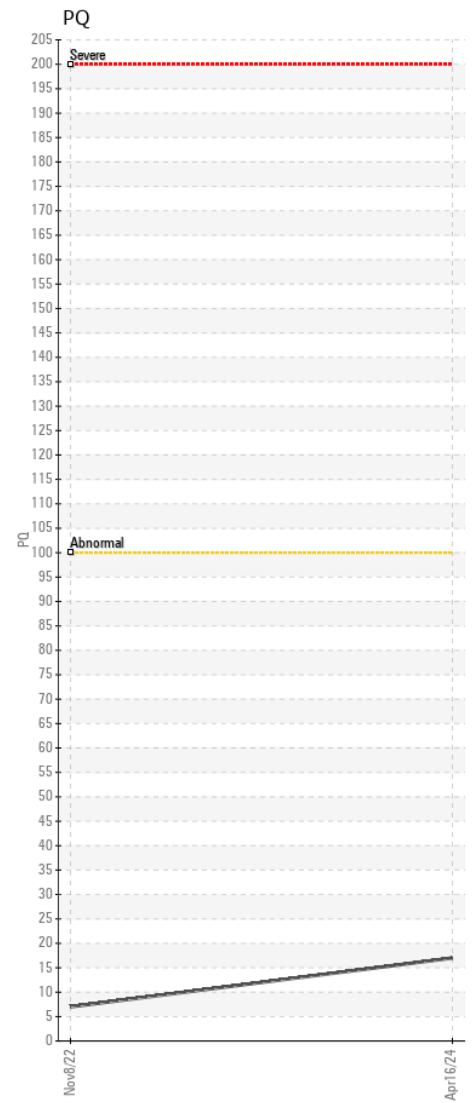
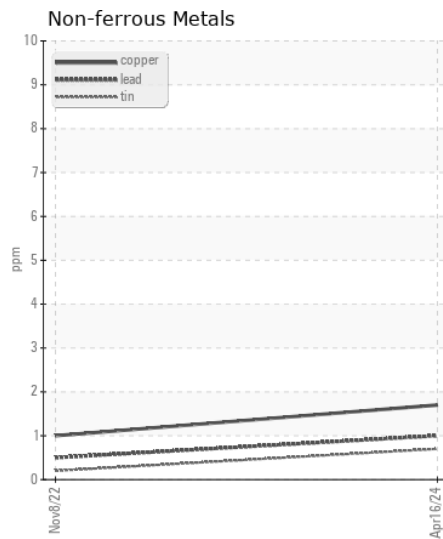
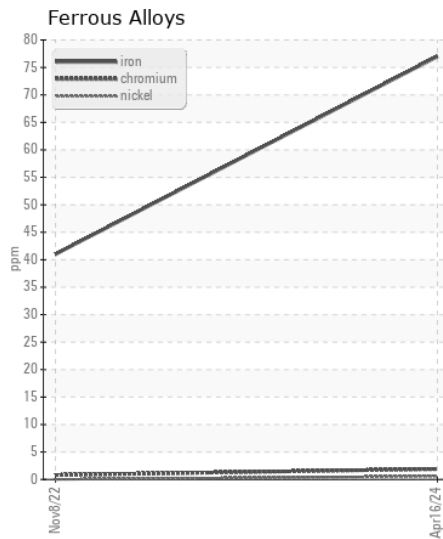
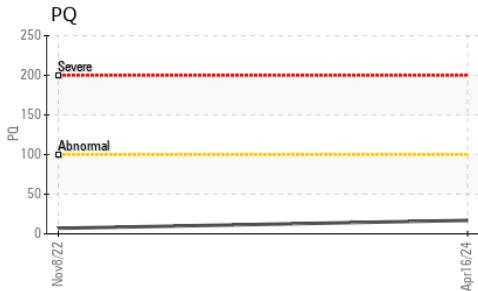
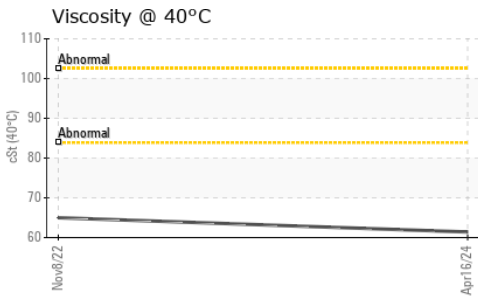
There is no indication of any contamination in the oil.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Silicon	ppm	ASTM D5185m	>31	<b>26</b>	15	---
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	1	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	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	>51	<b>3</b>	5	---
Boron	ppm	ASTM D5185m		<b>79</b>	63	---
Barium	ppm	ASTM D5185m		<b>6</b>	2	---
Molybdenum	ppm	ASTM D5185m		<b>113</b>	107	---
Manganese	ppm	ASTM D5185m		<b>3</b>	2	---
Magnesium	ppm	ASTM D5185m		<b>39</b>	18	---
Calcium	ppm	ASTM D5185m		<b>4077</b>	4188	---
Phosphorus	ppm	ASTM D5185m		<b>1316</b>	1168	---
Zinc	ppm	ASTM D5185m		<b>1365</b>	1330	---
Sulfur	ppm	ASTM D5185m		<b>9854</b>	10054	---
Visc @ 40°C	cSt	ASTM D445		<b>61.4</b>	65.0	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : JR0206695 **Received** : 18 Apr 2024  
**Lab Number** : 06153380 **Tested** : 19 Apr 2024  
**Unique Number** : 10983458 **Diagnosed** : 19 Apr 2024 - Wes Davis  
**Test Package** : CONST ( 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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