



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



Machine Id  
**JOHN DEERE 672GP 2401800**  
Component  
**Gearbox**  
Fluid  
**PETRO CANADA DURATRAN (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PC0089017</b>	PC0072564	---
Sample Date		Client Info		<b>21 Mar 2024</b>	10 Apr 2023	---
Machine Age	hrs	Client Info		<b>4825</b>	3793	---
Oil Age	hrs	Client Info		<b>1000</b>	500	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Not Changd</b>	Changed	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	ABNORMAL	---

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>200	<b>5</b>	10	---
Chromium	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Nickel	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m)	>25	<b>12</b>	▲ 36	---
Lead	ppm	ASTM D5185(m)	>50	<b>5</b>	7	---
Copper	ppm	ASTM D5185(m)	>200	<b>215</b>	▲ 278	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	LIGHT	---

**CONTAMINATION**

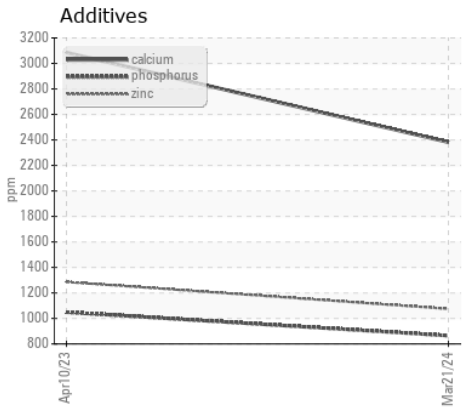
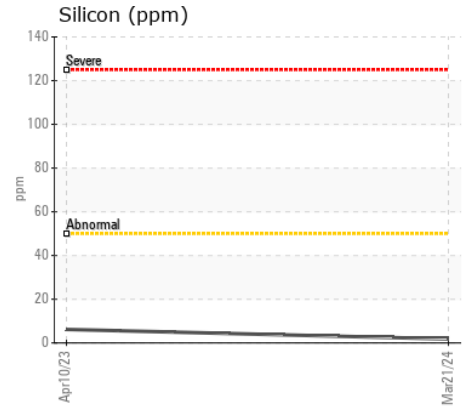
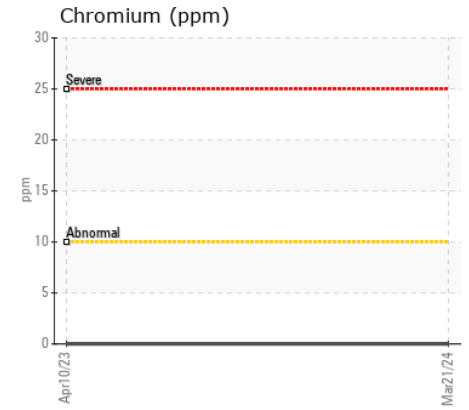
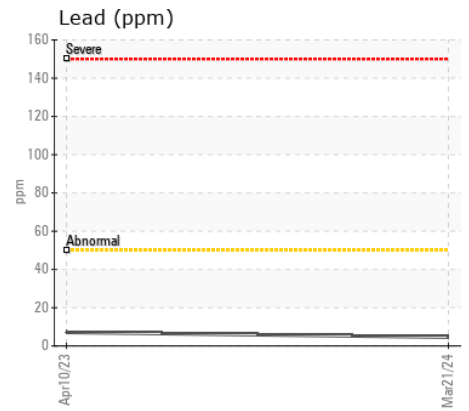
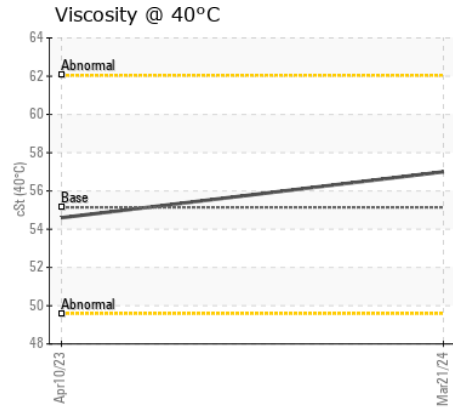
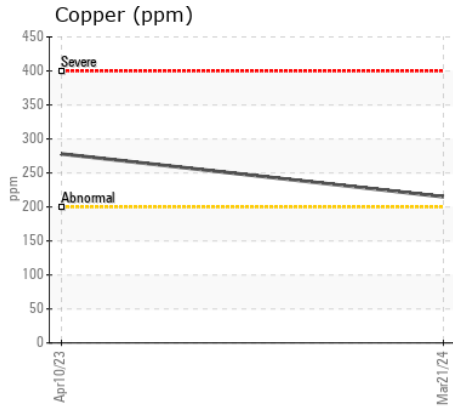
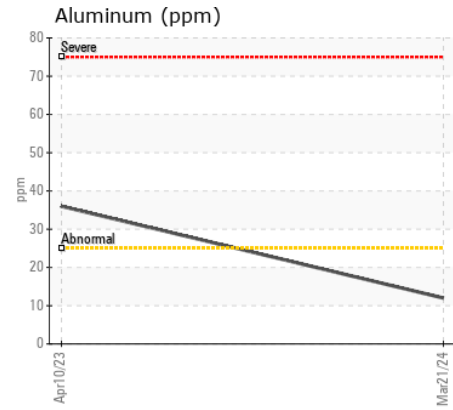
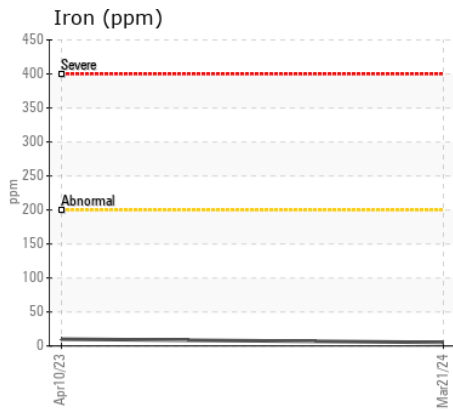
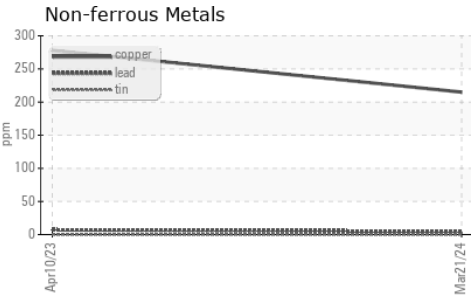
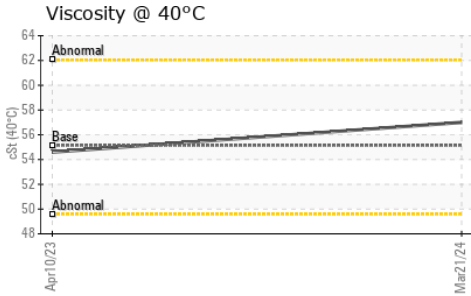
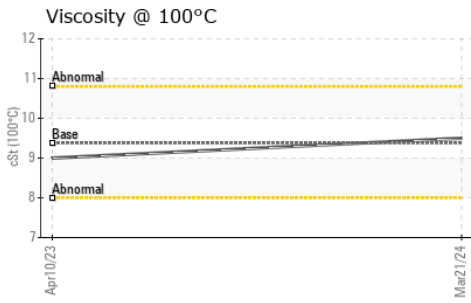
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>50	<b>2</b>	6	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	0	---
Water		WC Method	>0.2	<b>NEG</b>	NEG	---
Silt	scalar	Visual*	NONE	<b>VLITE</b>	NONE	---
Debris	scalar	Visual*	NONE	<b>VLITE</b>	VLITE	---
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*	>0.2	<b>NEG</b>	NEG	---

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185(m)		<b>1</b>	5	---
Boron	ppm	ASTM D5185(m)	110	<b>24</b>	71	---
Barium	ppm	ASTM D5185(m)	0.0	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185(m)	0.0	<b>2</b>	3	---
Manganese	ppm	ASTM D5185(m)	1	<b>6</b>	15	---
Magnesium	ppm	ASTM D5185(m)	13	<b>47</b>	57	---
Calcium	ppm	ASTM D5185(m)	3610	<b>2382</b>	3086	---
Phosphorus	ppm	ASTM D5185(m)	1192	<b>865</b>	1049	---
Zinc	ppm	ASTM D5185(m)	1455	<b>1075</b>	1286	---
Sulfur	ppm	ASTM D5185(m)	2641	<b>2369</b>	2762	---
Visc @ 40°C	cSt	ASTM D7279(m)	55.14	<b>57.0</b>	54.6	---
Visc @ 100°C	cSt	ASTM D7279(m)	9.38	<b>9.5</b>	9	---
Viscosity Index (VI)	Scale	ASTM D2270*	153	<b>150</b>	144	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0089017 **Received** : 03 Apr 2024  
**Lab Number** : 02626479 **Tested** : 03 Apr 2024  
**Unique Number** : 5759611 **Diagnosed** : 03 Apr 2024 - Kevin Marson  
**Test Package** : MOB 1 ( Additional Tests: KV100, VI )

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.

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