



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 672GP 2401800
Component
Differential
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		PC0089006	PC0072496	---
Sample Date		Client Info		21 Mar 2024	10 Apr 2023	---
Machine Age	hrs	Client Info		4825	3793	---
Oil Age	hrs	Client Info		1000	1000	---
Filter Age	hrs	Client Info		1000	1000	---
Oil Changed		Client Info		Not Chngd	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>1501	43	148	---
Chromium	ppm	ASTM D5185(m)	>11	0	0	---
Nickel	ppm	ASTM D5185(m)	>10	0	0	---
Titanium	ppm	ASTM D5185(m)		0	<1	---
Silver	ppm	ASTM D5185(m)		0	0	---
Aluminum	ppm	ASTM D5185(m)	>21	<1	<1	---
Lead	ppm	ASTM D5185(m)	>51	1	3	---
Copper	ppm	ASTM D5185(m)	>101	1	2	---
Tin	ppm	ASTM D5185(m)	>10	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

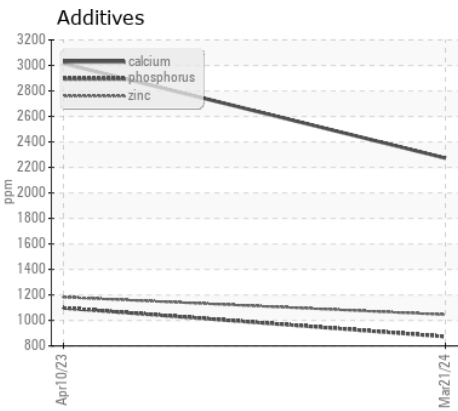
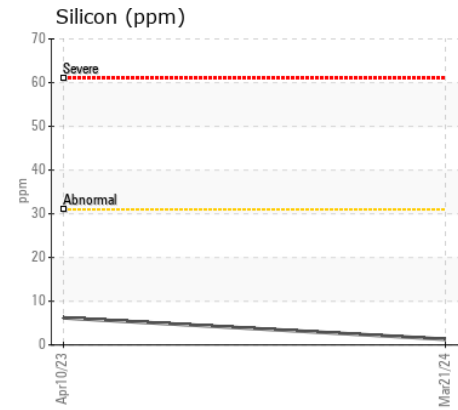
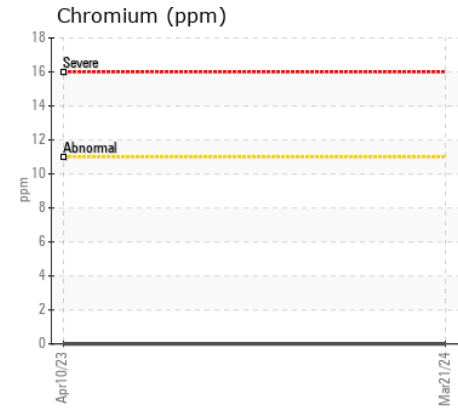
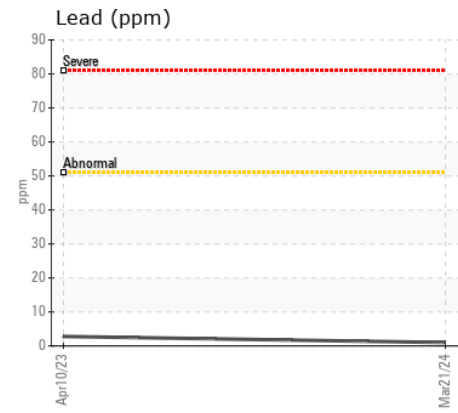
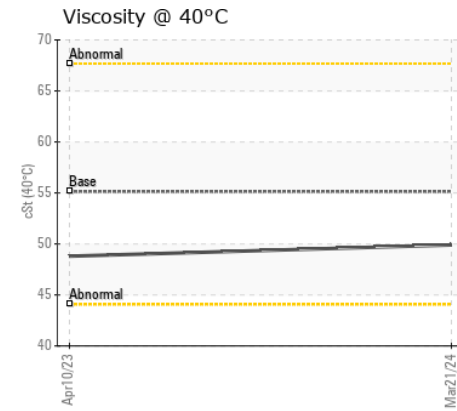
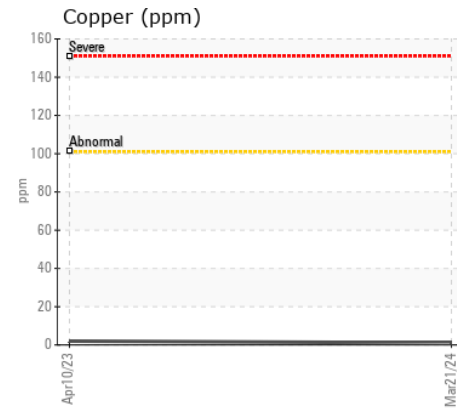
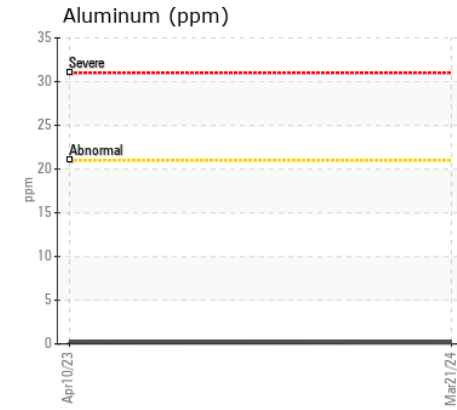
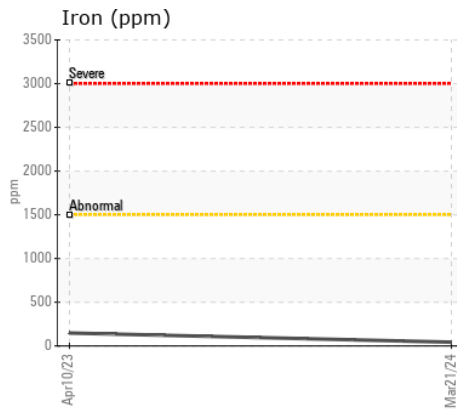
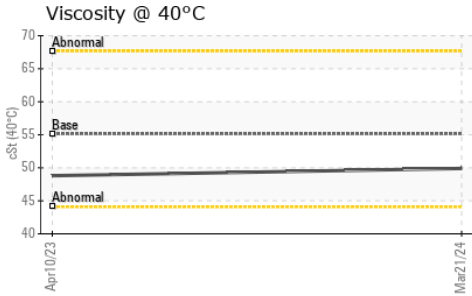
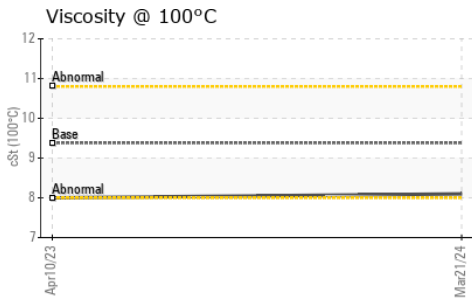
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>31	1	6	---
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	---
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	VLITE	---
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 D5185(m)	>51	2	6	---
Boron	ppm	ASTM D5185(m)	110	16	70	---
Barium	ppm	ASTM D5185(m)	0.0	0	0	---
Molybdenum	ppm	ASTM D5185(m)	0.0	2	3	---
Manganese	ppm	ASTM D5185(m)	1	0	2	---
Magnesium	ppm	ASTM D5185(m)	13	38	53	---
Calcium	ppm	ASTM D5185(m)	3610	2273	3015	---
Phosphorus	ppm	ASTM D5185(m)	1192	873	1098	---
Zinc	ppm	ASTM D5185(m)	1455	1045	1183	---
Sulfur	ppm	ASTM D5185(m)	2641	2454	2648	---
Visc @ 40°C	cSt	ASTM D7279(m)	55.14	49.9	48.8	---
Visc @ 100°C	cSt	ASTM D7279(m)	9.38	8.1	8	---
Viscosity Index (VI)	Scale	ASTM D2270*	153	133	134	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0089006 **Received** : 03 Apr 2024
Lab Number : 02626463 **Tested** : 03 Apr 2024
Unique Number : 5759595 **Diagnosed** : 03 Apr 2024 - Wes Davis
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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