



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
JOHN DEERE 210K 66614 (S/N 1R8210KXHEG892121)
Component
Front Left Final Drive
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		PC0075680	---	---
Sample Date		Client Info		08 Mar 2024	---	---
Machine Age	hrs	Client Info		3752	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>750	257	---	---
Chromium	ppm	ASTM D5185(m)	>9	4	---	---
Nickel	ppm	ASTM D5185(m)	>10	<1	---	---
Titanium	ppm	ASTM D5185(m)		<1	---	---
Silver	ppm	ASTM D5185(m)		0	---	---
Aluminum	ppm	ASTM D5185(m)	>40	2	---	---
Lead	ppm	ASTM D5185(m)	>15	<1	---	---
Copper	ppm	ASTM D5185(m)	>40	4	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	VLITE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

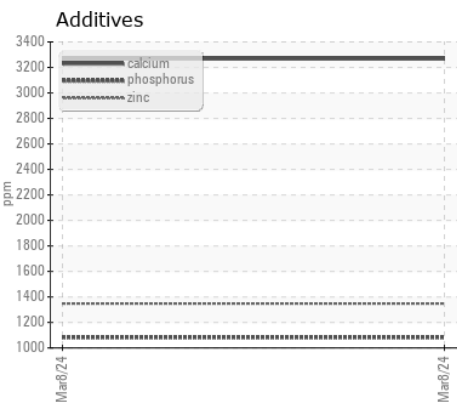
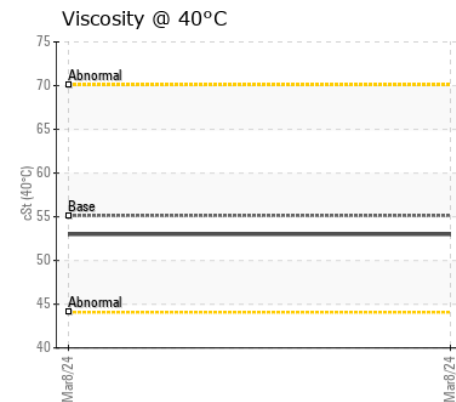
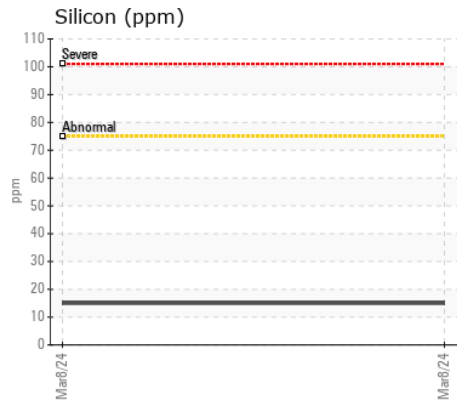
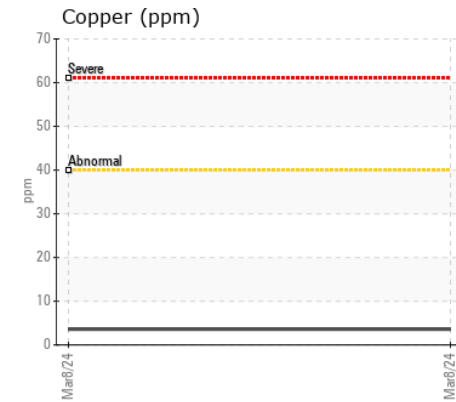
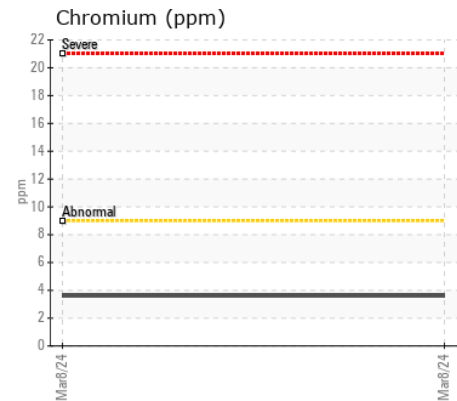
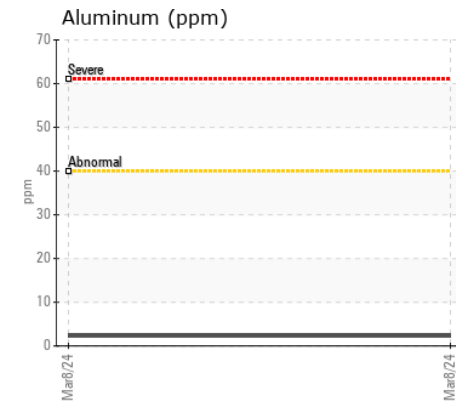
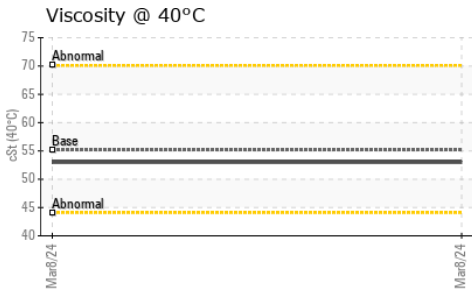
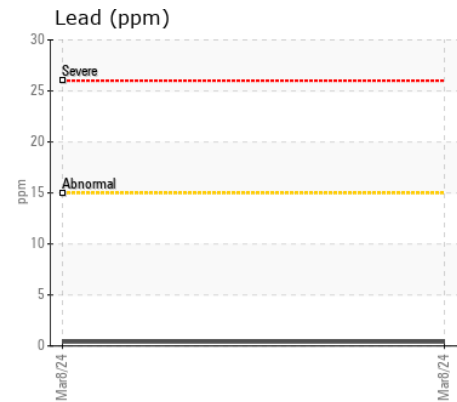
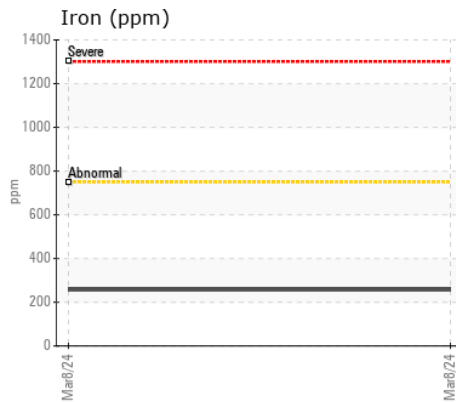
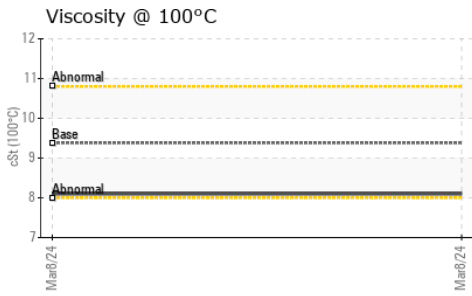
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>75	15	---	---
Potassium	ppm	ASTM D5185(m)	>20	2	---	---
Water		WC Method	>0.075	NEG	---	---
Silt	scalar	Visual*	NONE	VLITE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.075	NEG	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185(m)	>51	16	---	---
Boron	ppm	ASTM D5185(m)	110	89	---	---
Barium	ppm	ASTM D5185(m)	0.0	<1	---	---
Molybdenum	ppm	ASTM D5185(m)	0.0	0	---	---
Manganese	ppm	ASTM D5185(m)	1	5	---	---
Magnesium	ppm	ASTM D5185(m)	13	11	---	---
Calcium	ppm	ASTM D5185(m)	3610	3268	---	---
Phosphorus	ppm	ASTM D5185(m)	1192	1083	---	---
Zinc	ppm	ASTM D5185(m)	1455	1348	---	---
Sulfur	ppm	ASTM D5185(m)	2641	3222	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	55.14	53.0	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	9.38	8.1	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	153	122	---	---



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

Sample No. : PC0075680

Lab Number : 02628970

Unique Number : 5762102

Test Package : MOB 1 (Additional Tests: KV100, VI)

Received : 15 Apr 2024

Tested : 16 Apr 2024

Diagnosed : 16 Apr 2024 - Wes Davis

TRUCK AND EQUIPMENT SOLUTION

2 BERTRAM INDUSTRIAL PKWY.

MIDHURST, ON

CA L9X 1L2

Contact: Julie Holden

parts@tesbarrie.com

T: (705)792-7620

F: (705)725-5425

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.