



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



Machine Id  
**JOHN DEERE 130G 2301902**  
Component  
**Swing Drive**  
Fluid  
**PETRO CANADA TRAXON 80W90 (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PC0072405</b>	PC0059326	---
Sample Date		Client Info		<b>12 Feb 2024</b>	03 Mar 2023	---
Machine Age	hrs	Client Info		<b>3343</b>	2775	---
Oil Age	hrs	Client Info		<b>600</b>	600	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>N/A</b>	N/A	---
Sample Status				<b>NORMAL</b>	NORMAL	---

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>151	<b>21</b>	32	---
Chromium	ppm	ASTM D5185(m)	>11	<b>0</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	---
Aluminum	ppm	ASTM D5185(m)	>21	<b>&lt;1</b>	<1	---
Lead	ppm	ASTM D5185(m)	>51	<b>0</b>	0	---
Copper	ppm	ASTM D5185(m)	>51	<b>&lt;1</b>	0	---
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>	VLITE	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---

**CONTAMINATION**

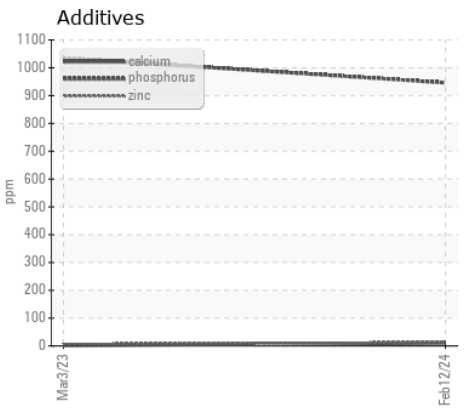
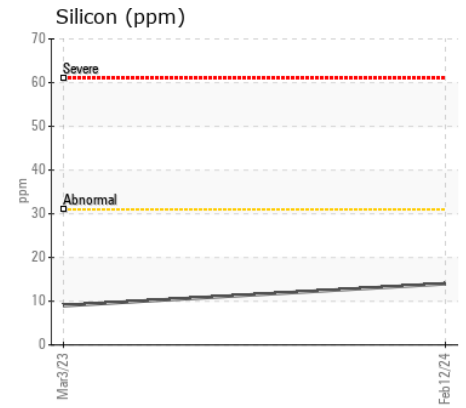
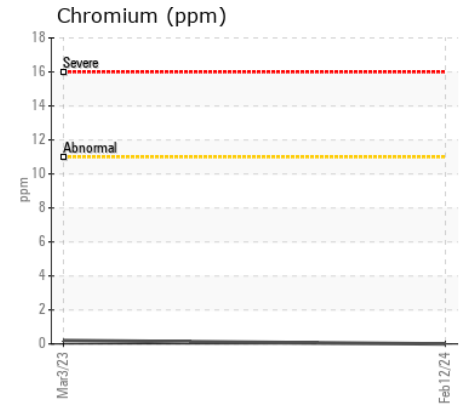
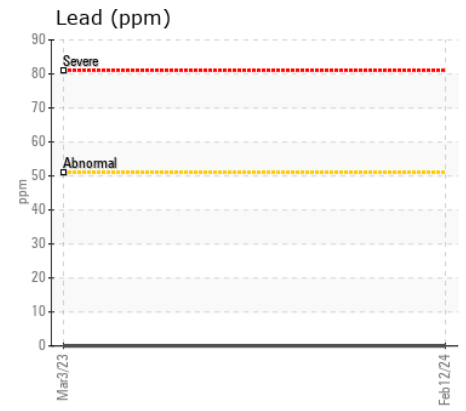
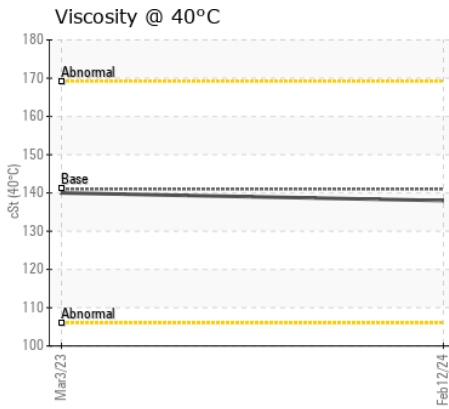
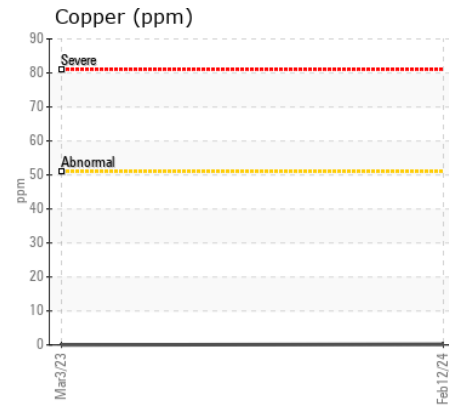
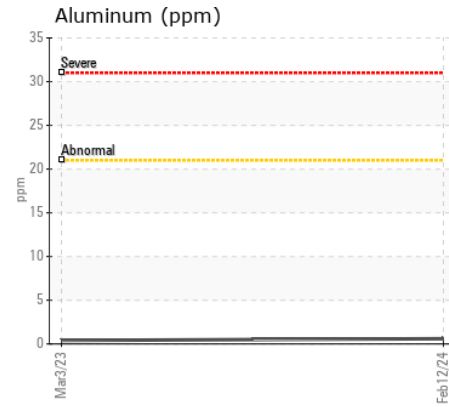
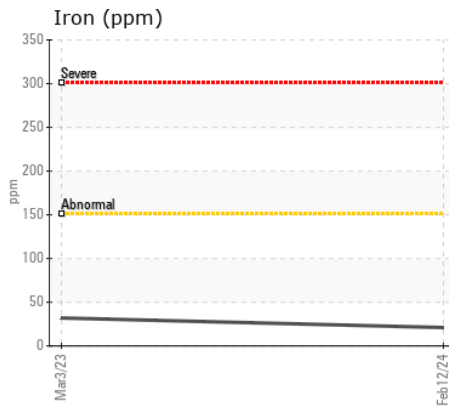
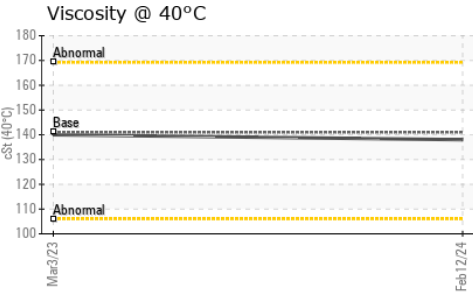
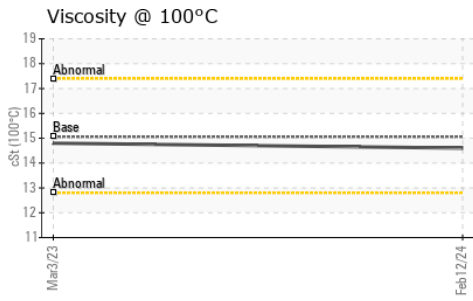
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>31	<b>14</b>	9	---
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</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.

Sodium	ppm	ASTM D5185(m)	>51	<b>&lt;1</b>	<1	---
Boron	ppm	ASTM D5185(m)	243	<b>233</b>	228	---
Barium	ppm	ASTM D5185(m)	1	<b>&lt;1</b>	<1	---
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Magnesium	ppm	ASTM D5185(m)	2	<b>8</b>	1	---
Calcium	ppm	ASTM D5185(m)	6	<b>11</b>	2	---
Phosphorus	ppm	ASTM D5185(m)	987	<b>946</b>	1035	---
Zinc	ppm	ASTM D5185(m)	1	<b>13</b>	6	---
Sulfur	ppm	ASTM D5185(m)	21530	<b>17093</b>	17697	---
Visc @ 40°C	cSt	ASTM D7279(m)	141.0	<b>138</b>	140	---
Visc @ 100°C	cSt	ASTM D7279(m)	15.06	<b>14.6</b>	14.8	---
Viscosity Index (VI)	Scale	ASTM D2270*	108	<b>105</b>	105	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0072405 **Received** : 28 Feb 2024  
**Lab Number** : 02618740 **Tested** : 28 Feb 2024  
**Unique Number** : 5735850 **Diagnosed** : 28 Feb 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.

**LAVIS CONTRACTING**  
 37462A HURON ROAD  
 CLINTON, ON  
 CA N0M 1L0  
 Contact: Doug Francis  
 dfrancis@lavis.ca  
 T: (519)482-3694  
 F: (519)482-7886