



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

Machine Id

**EX0354**

Component

**Rear Left Final Drive**

Fluid

**PETRO CANADA TRAXON E SYNTHETIC 80W-140 (5 LTR)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0092230</b>	---	---
Sample Date		Client Info		<b>08 Apr 2024</b>	---	---
Machine Age	hrs	Client Info		<b>24807</b>	---	---
Oil Age	hrs	Client Info		<b>1000</b>	---	---
Filter Age	hrs	Client Info		<b>1000</b>	---	---
Oil Changed		Client Info		<b>Not Changd</b>	---	---
Filter Changed		Client Info		<b>N/A</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>500	<b>359</b>	---	---
Chromium	ppm	ASTM D5185(m)	>10	<b>4</b>	---	---
Nickel	ppm	ASTM D5185(m)	>10	<b>5</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>4</b>	---	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>25	<b>72</b>	---	---
Lead	ppm	ASTM D5185(m)	>25	<b>0</b>	---	---
Copper	ppm	ASTM D5185(m)	>50	<b>2</b>	---	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---

**CONTAMINATION**

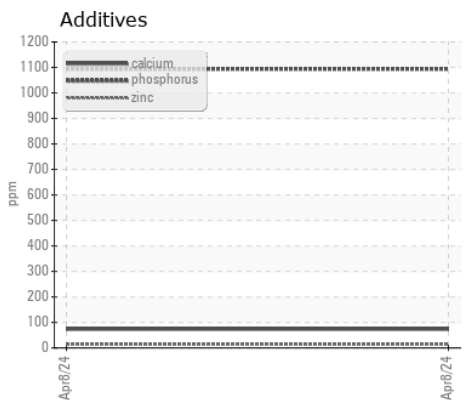
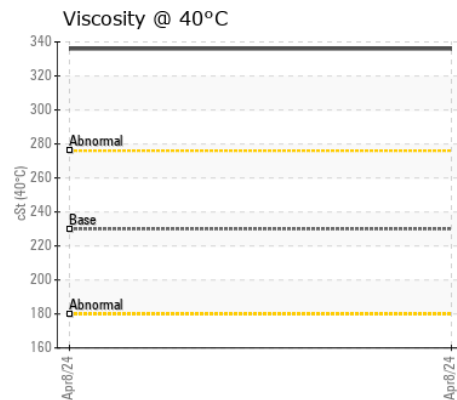
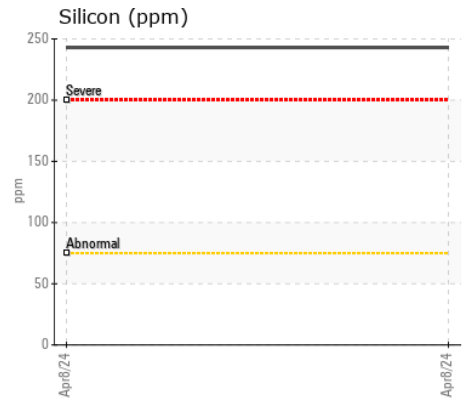
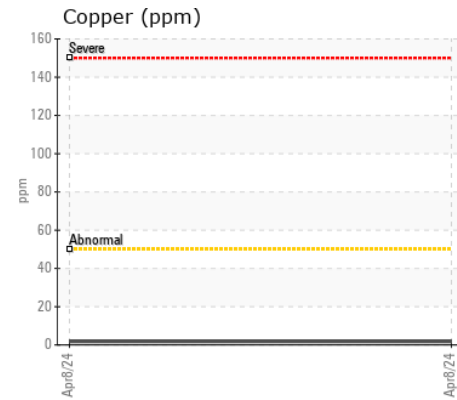
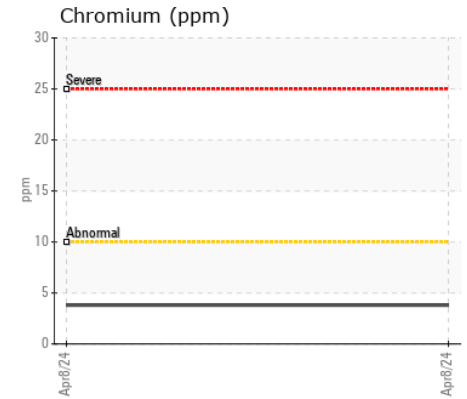
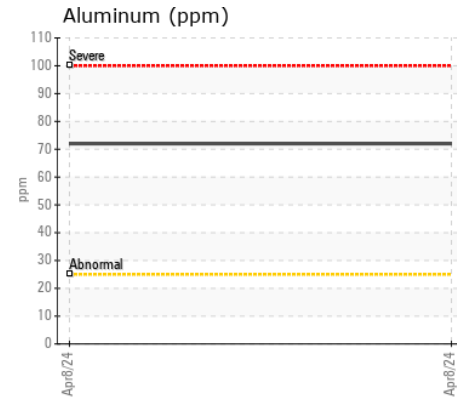
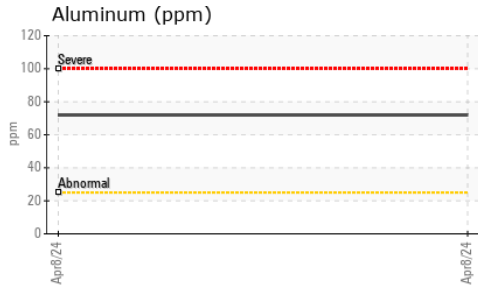
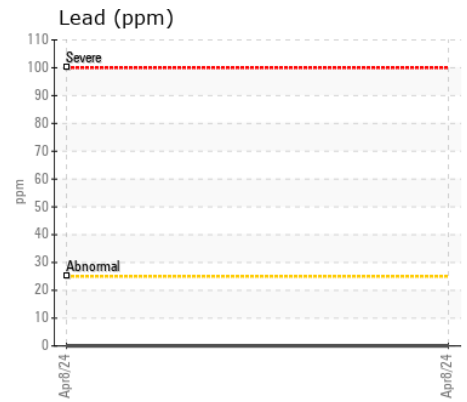
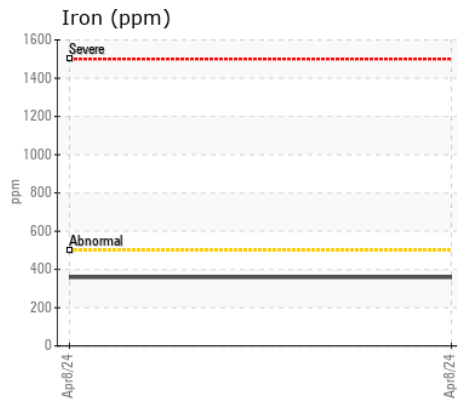
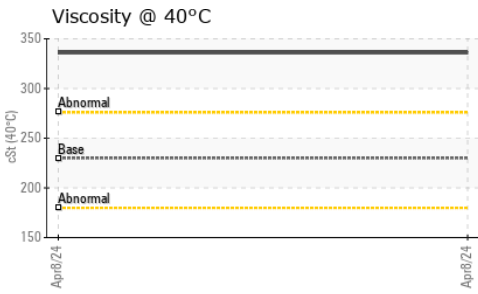
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>75	<b>243</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>24</b>	---	---
Water		WC Method	>0.2	<b>NEG</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	Visual*	>0.2	<b>NEG</b>	---	---

**FLUID CONDITION**

Viscosity of sample indicates oil is within SAE 90W140 range, advise investigate. The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		<b>17</b>	---	---
Boron	ppm	ASTM D5185(m)	202	<b>191</b>	---	---
Barium	ppm	ASTM D5185(m)	<1	<b>&lt;1</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>3</b>	---	---
Magnesium	ppm	ASTM D5185(m)	<1	<b>21</b>	---	---
Calcium	ppm	ASTM D5185(m)		<b>74</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	1209	<b>1094</b>	---	---
Zinc	ppm	ASTM D5185(m)	1	<b>14</b>	---	---
Sulfur	ppm	ASTM D5185(m)	20439	<b>19962</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	230	<b>336</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0092230  
**Lab Number** : 02630320  
**Unique Number** : 5763452  
**Test Package** : MOB 1

**GFL Environmental - 720 - Lafleche - Landfill**  
 17125 Lafleche Road,  
 Moose Creek, ON  
 CA K0C 1W0  
 Contact: Charles Bergeron  
 cbergeron@gflenv.com  
 T: (613)538-4853  
 F:

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.