



Machine Id  
**831054**  
Component  
**Transmission (Auto)**  
Fluid  
**PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0112388</b>	GFL0070685	---
Sample Date		Client Info		<b>28 Feb 2024</b>	13 Mar 2023	---
Machine Age	hrs	Client Info		<b>3629</b>	1881	---
Oil Age	hrs	Client Info		<b>1748</b>	816	---
Filter Age	hrs	Client Info		<b>1748</b>	816	---
Oil Changed		Client Info		<b>Changed</b>	Not Changed	---
Filter Changed		Client Info		<b>Changed</b>	Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>220	<b>92</b>	94	---
Chromium	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m)	>75	<b>35</b>	28	---
Lead	ppm	ASTM D5185(m)	>95	<b>15</b>	17	---
Copper	ppm	ASTM D5185(m)	>60	<b>51</b>	53	---
Tin	ppm	ASTM D5185(m)	>10	<b>7</b>	5	---
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

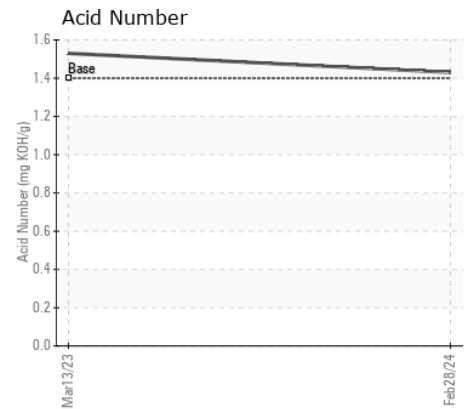
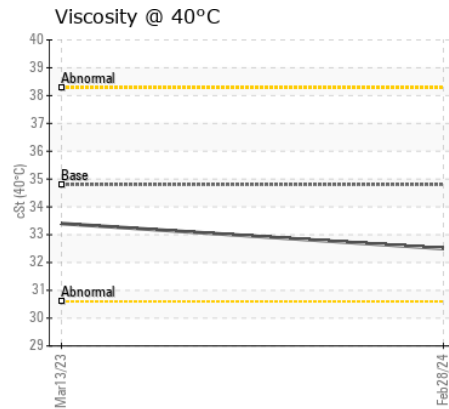
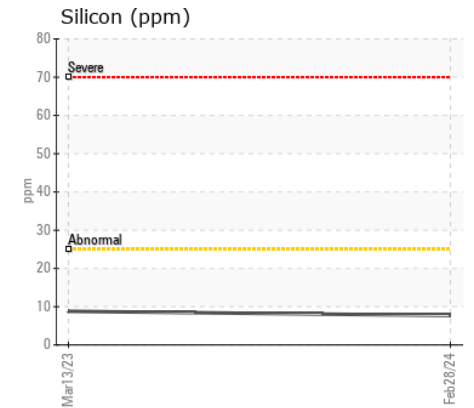
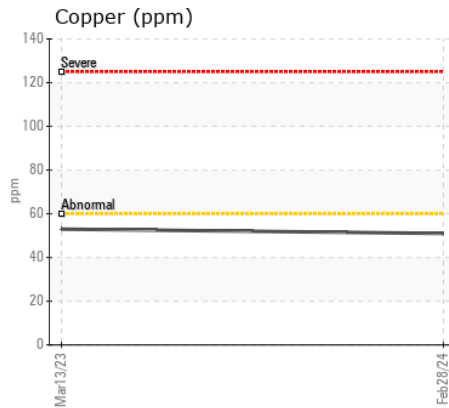
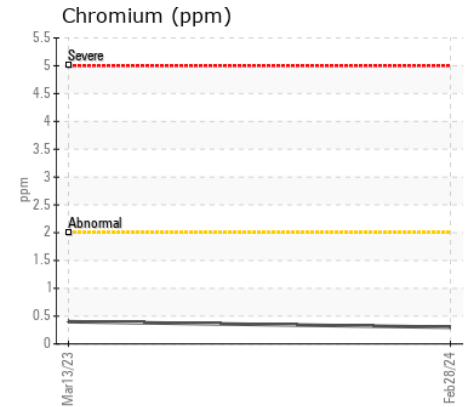
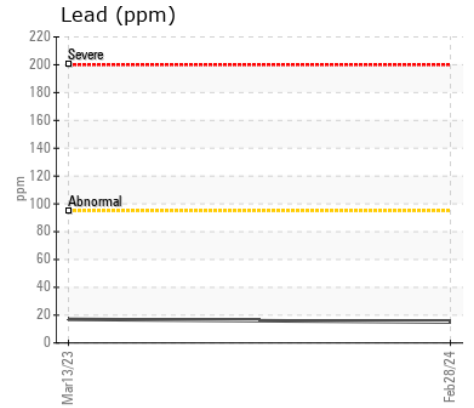
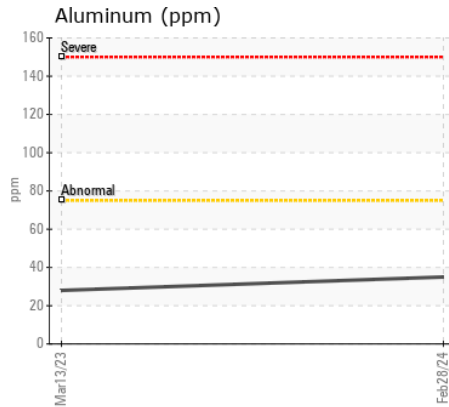
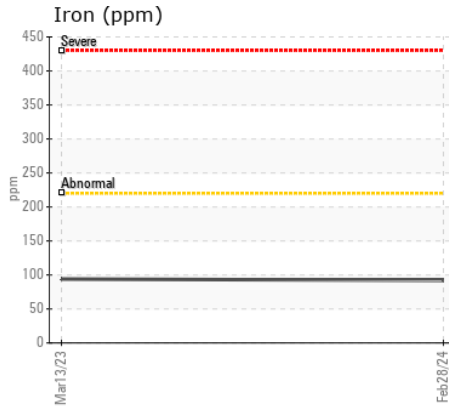
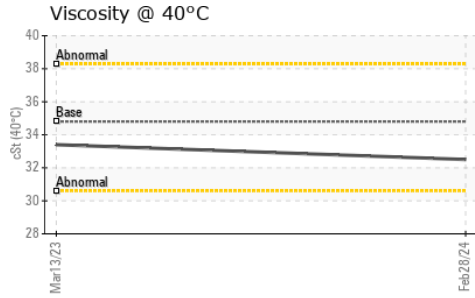
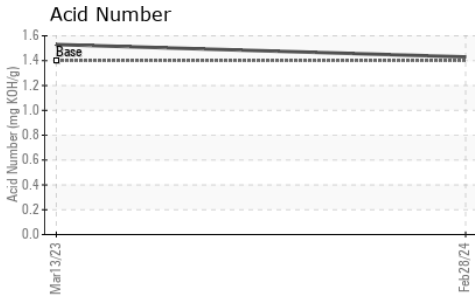
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>25	<b>8</b>	9	---
Potassium	ppm	ASTM D5185(m)	>20	<b>4</b>	5	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	VLITE	---
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 AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

Sodium	ppm	ASTM D5185(m)		<b>13</b>	15	---
Boron	ppm	ASTM D5185(m)	78	<b>92</b>	127	---
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---
Molybdenum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	1	---
Manganese	ppm	ASTM D5185(m)		<b>2</b>	4	---
Magnesium	ppm	ASTM D5185(m)	0	<b>2</b>	2	---
Calcium	ppm	ASTM D5185(m)	113	<b>144</b>	164	---
Phosphorus	ppm	ASTM D5185(m)	222	<b>319</b>	428	---
Zinc	ppm	ASTM D5185(m)		<b>52</b>	57	---
Sulfur	ppm	ASTM D5185(m)	1326	<b>1842</b>	2135	---
Acid Number (AN)	mg KOH/g	ASTM D974*	1.4	<b>1.43</b>	1.53	---
Visc @ 40°C	cSt	ASTM D7279(m)	34.8	<b>32.5</b>	33.4	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0112388 **Received** : 04 Mar 2024  
**Lab Number** : 02619607 **Tested** : 04 Mar 2024  
**Unique Number** : 5736717 **Diagnosed** : 04 Mar 2024 - Wes Davis  
**Test Package** : MOB 2 ( Additional Tests: TAN Man )

**GFL Environmental - 550 - Rocky View County**  
 220 Carmek Blvd  
 Rocky View County, AB  
 CA T1X 1X1  
 Contact: GFL Calgary  
 calgarymaintenance@gflenv.com  
 T:  
 F: (403)369-6163

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.