



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



Machine Id  
**413105**  
Component  
**Transmission (Auto)**  
Fluid  
**CASTROL TRANSYND 668 (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0117309</b>	---	---
Sample Date		Client Info		<b>18 Apr 2024</b>	---	---
Machine Age	kms	Client Info		<b>92444</b>	---	---
Oil Age	kms	Client Info		<b>0</b>	---	---
Filter Age	kms	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>Changed</b>	---	---
Filter Changed		Client Info		<b>Changed</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

**WEAR**

All component wear rates are normal.

PQ		ASTM D8184*	>50	<b>0</b>	---	---
Iron	ppm	ASTM D5185(m)	>160	<b>75</b>	---	---
Chromium	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	---	---
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>50	<b>27</b>	---	---
Lead	ppm	ASTM D5185(m)	>50	<b>39</b>	---	---
Copper	ppm	ASTM D5185(m)	>225	<b>14</b>	---	---
Tin	ppm	ASTM D5185(m)	>10	<b>3</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**

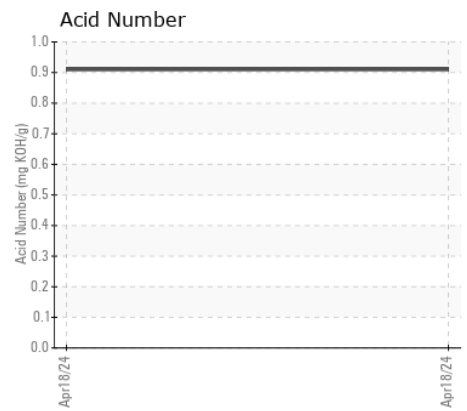
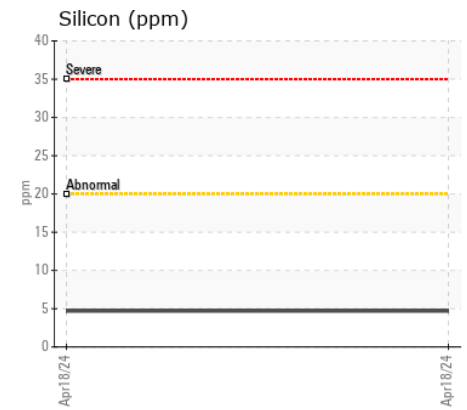
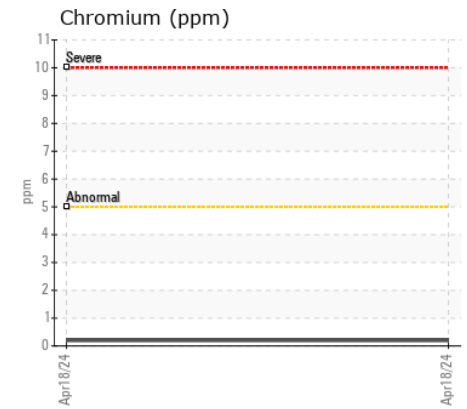
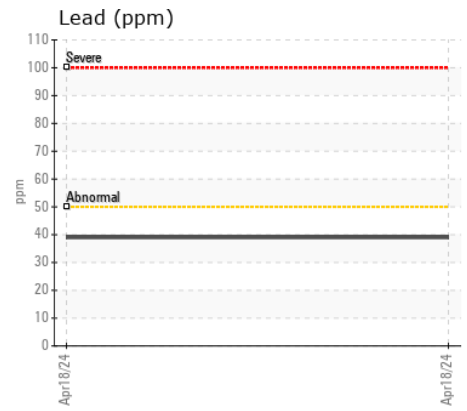
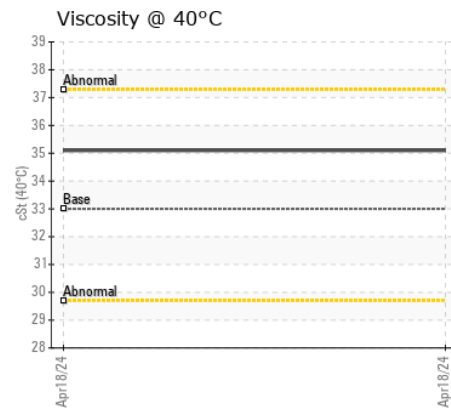
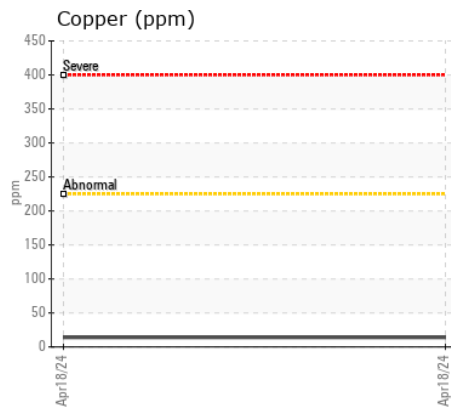
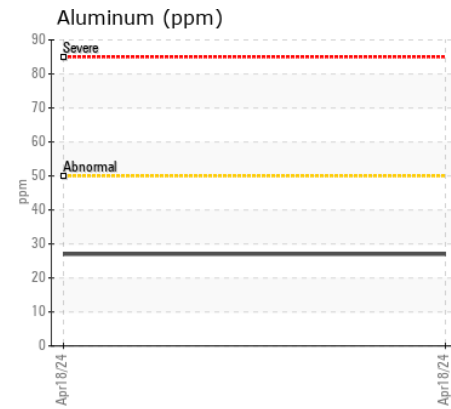
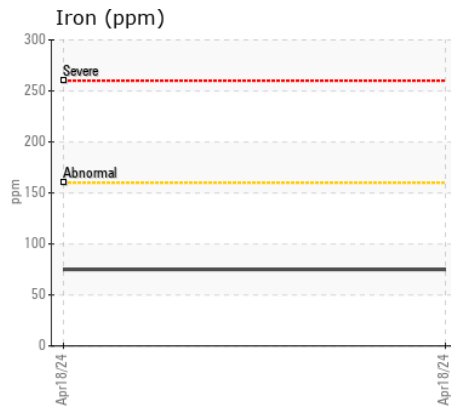
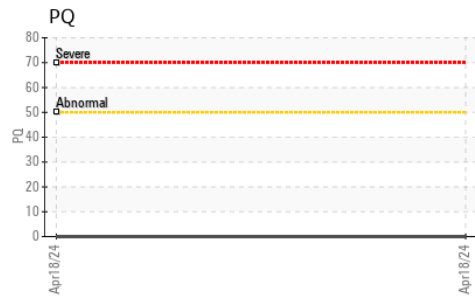
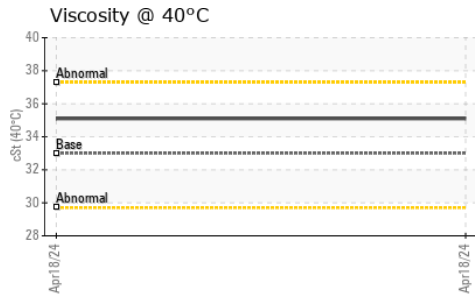
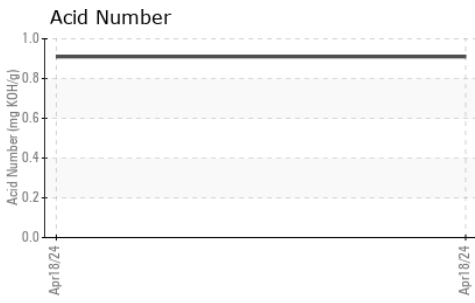
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>20	<b>5</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>4</b>	---	---
Water		WC Method	>0.1	<b>NEG</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>NONE</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*	>0.1	<b>NEG</b>	---	---

**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>4</b>	---	---
Boron	ppm	ASTM D5185(m)		<b>89</b>	---	---
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>2</b>	---	---
Magnesium	ppm	ASTM D5185(m)		<b>3</b>	---	---
Calcium	ppm	ASTM D5185(m)		<b>77</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>253</b>	---	---
Zinc	ppm	ASTM D5185(m)		<b>10</b>	---	---
Sulfur	ppm	ASTM D5185(m)		<b>1053</b>	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*		<b>0.91</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	33	<b>35.1</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0117309  
**Lab Number** : 02630998  
**Unique Number** : 5772151  
**Test Package** : MOB 2 ( Additional Tests: PQ )

**GFL Environmental - 550 - Rocky View County**  
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 calgarymaintenance@gflenv.com  
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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.