



# OIL ANALYSIS REPORT

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

Machine Id  
**801242**  
 Component  
**Transmission (Auto)**  
 Fluid  
**DEXRON III (--- GAL)**

## RECOMMENDATION

The fluid change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0059076</b>	---	---
Sample Date		Client Info		<b>27 Feb 2024</b>	---	---
Machine Age	hrs	Client Info		<b>0</b>	---	---
Oil Age	hrs	Client Info		<b>600</b>	---	---
Filter Age	hrs	Client Info		<b>600</b>	---	---
Oil Changed		Client Info		<b>Changed</b>	---	---
Filter Changed		Client Info		<b>Changed</b>	---	---
Sample Status				<b>ABNORMAL</b>	---	---

## WEAR

Tin ppm levels are abnormal. Bearing wear is indicated.

Iron	ppm	ASTM D5185(m)	>160	<b>48</b>	---	---
Chromium	ppm	ASTM D5185(m)	>5	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m)	>5	<b>0</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>42</b>	---	---
Lead	ppm	ASTM D5185(m)	>50	<b>10</b>	---	---
Copper	ppm	ASTM D5185(m)	>225	<b>19</b>	---	---
Tin	ppm	ASTM D5185(m)	>10	<b>▲ 11</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
White Metal	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---

## CONTAMINATION

There is no indication of any contamination in the fluid.

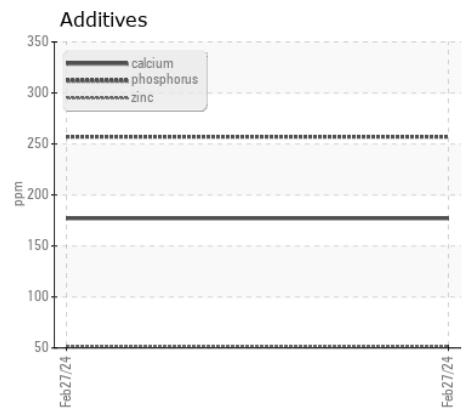
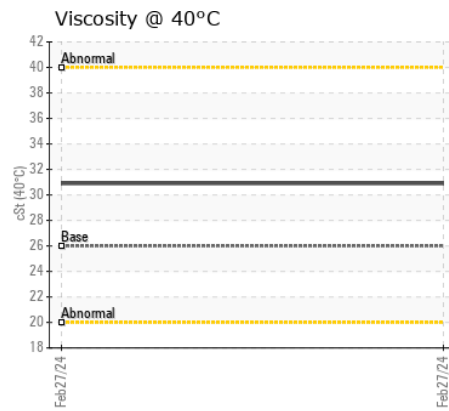
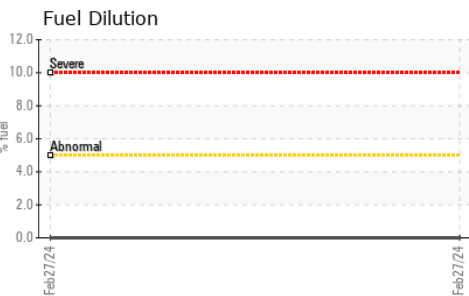
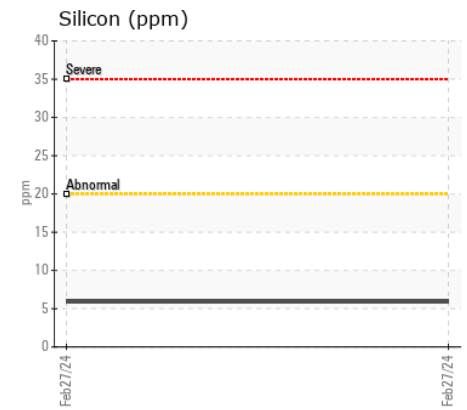
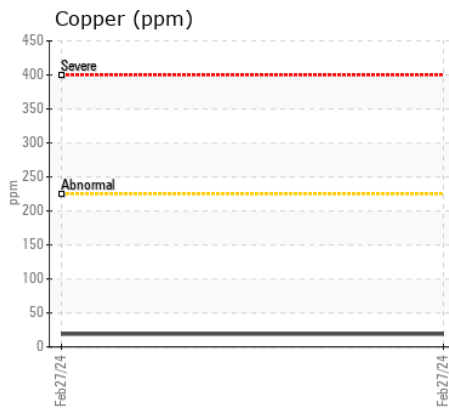
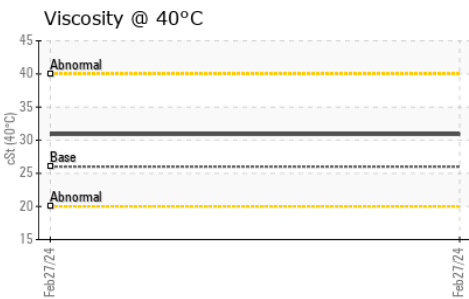
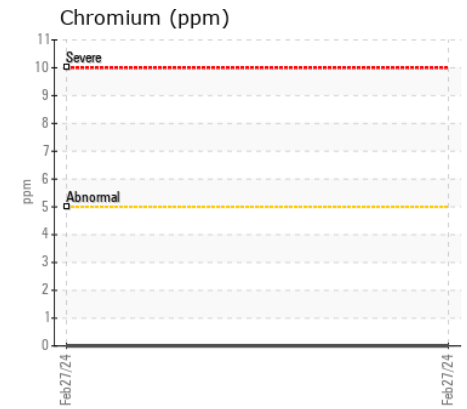
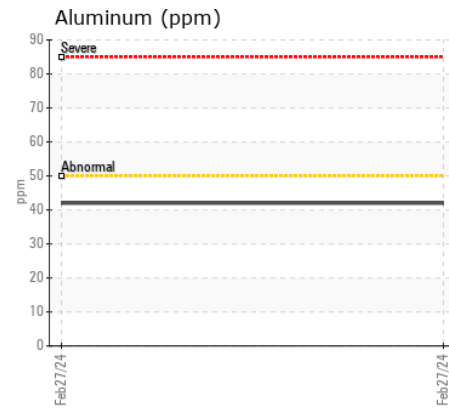
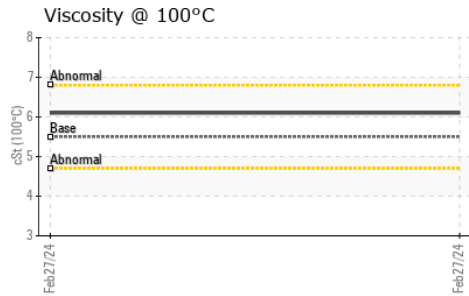
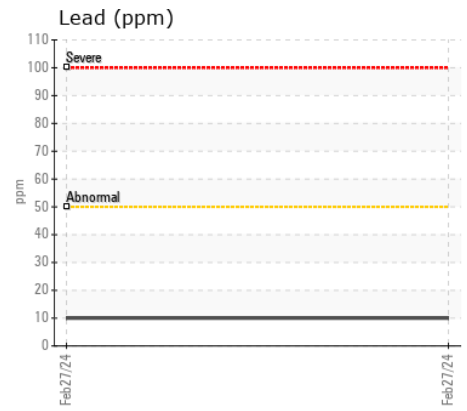
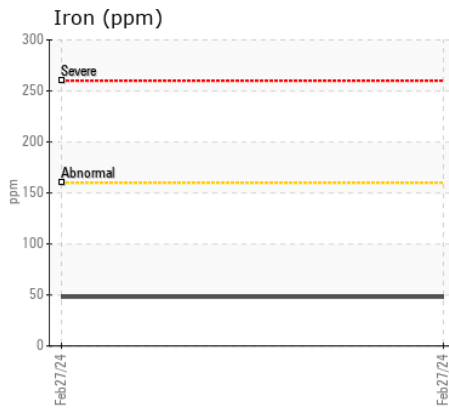
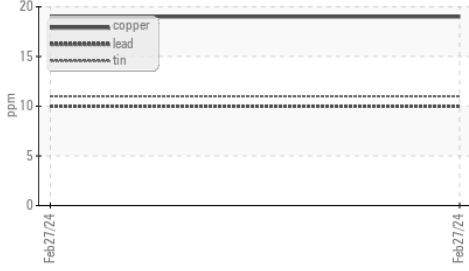
Silicon	ppm	ASTM D5185(m)	>20	<b>6</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	---	---
Water		WC Method	>0.1	<b>NEG</b>	---	---
Soot %	%	ASTM D7844*		<b>0</b>	---	---
Nitration	Abs/cm	ASTM D7624*		<b>4.1</b>	---	---
Sulfation	Abs/.1mm	ASTM D7415*		<b>26.2</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	Visual*	NONE	<b>VLITE</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 fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Sodium	ppm	ASTM D5185(m)		<b>16</b>	---	---
Boron	ppm	ASTM D5185(m)		<b>71</b>	---	---
Barium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>2</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m)		<b>16</b>	---	---
Calcium	ppm	ASTM D5185(m)		<b>177</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>257</b>	---	---
Zinc	ppm	ASTM D5185(m)		<b>52</b>	---	---
Sulfur	ppm	ASTM D5185(m)		<b>1298</b>	---	---
Oxidation	Abs/.1mm	ASTM D7414*		<b>29.9</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	26.0	<b>30.9</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	5.5	<b>6.1</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	155	<b>149</b>	---	---

▲ Non-ferrous Metals



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0059076  
**Lab Number** : 02619460  
**Unique Number** : 5736570  
**Test Package** : MOB 1 ( Additional Tests: FT-IR, FuelDilution, KV100, PercentFuel, VI )

**GFL Environmental - 570 - Thunder Bay**  
 3000 Highway 61,  
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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.