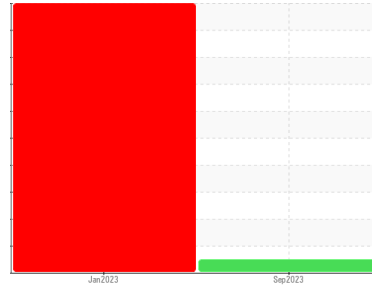




# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**925010**  
 Component  
**Transmission (Auto)**  
 Fluid  
**CASTROL TRANSYND (--- LTR)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the fluid.

### Fluid Condition

The condition of the fluid is acceptable for the time in service.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>GFL0077007</b>	GFL0054625	---
Sample Date	Client Info		<b>12 Sep 2023</b>	20 Jan 2023	---
Machine Age	hrs	Client Info	<b>17422</b>	0	---
Oil Age	hrs	Client Info	<b>600</b>	0	---
Oil Changed	Client Info		<b>Changed</b>	N/A	---
Sample Status			<b>NORMAL</b>	SEVERE	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>220	<b>28</b>	500
Chromium	ppm	ASTM D5185(m)	>2	<b>0</b>	2
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	<1
Silver	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	0
Aluminum	ppm	ASTM D5185(m)	>75	<b>7</b>	218
Lead	ppm	ASTM D5185(m)	>95	<b>3</b>	18
Copper	ppm	ASTM D5185(m)	>60	<b>16</b>	25
Tin	ppm	ASTM D5185(m)	>10	<b>2</b>	2
Antimony	ppm	ASTM D5185(m)	>2	<b>0</b>	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	0
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	0

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	150	<b>57</b>	94
Barium	ppm	ASTM D5185(m)	0	<b>0</b>	0
Molybdenum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	0
Manganese	ppm	ASTM D5185(m)		<b>&lt;1</b>	5
Magnesium	ppm	ASTM D5185(m)	0	<b>4</b>	1
Calcium	ppm	ASTM D5185(m)	40	<b>122</b>	126
Phosphorus	ppm	ASTM D5185(m)	320	<b>225</b>	282
Zinc	ppm	ASTM D5185(m)	5	<b>13</b>	8
Sulfur	ppm	ASTM D5185(m)	1050	<b>1458</b>	1634
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1

## CONTAMINANTS

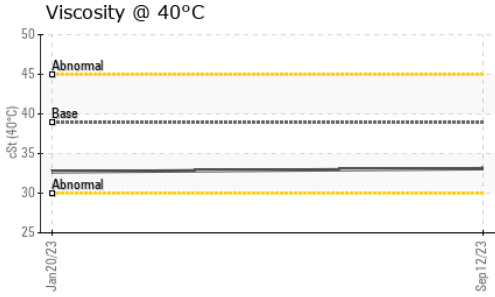
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	<b>7</b>	36
Sodium	ppm	ASTM D5185(m)		<b>7</b>	6
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	1

## VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE
Precipitate	scalar	Visual*	NONE	<b>NONE</b>	NONE
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
Free Water	scalar	Visual*		<b>NEG</b>	NEG



# OIL ANALYSIS REPORT

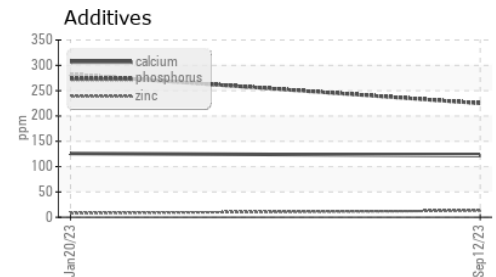
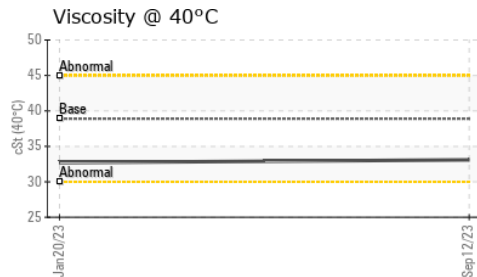
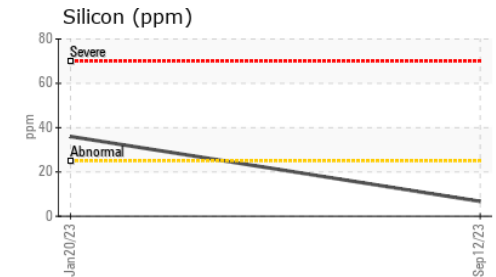
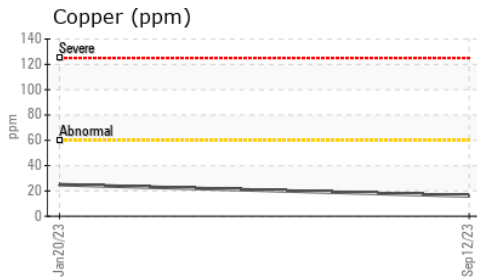
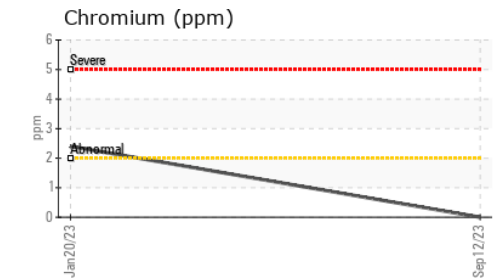
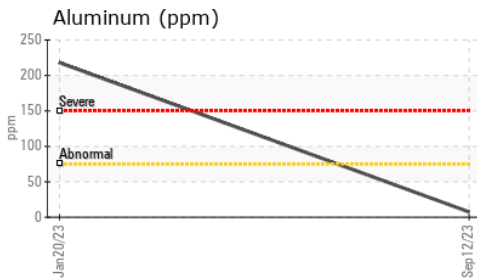
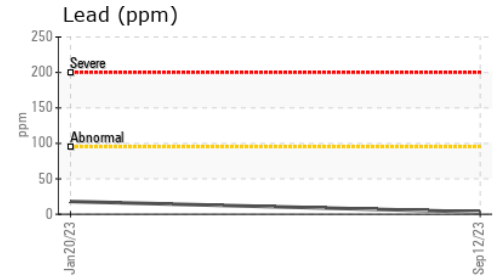
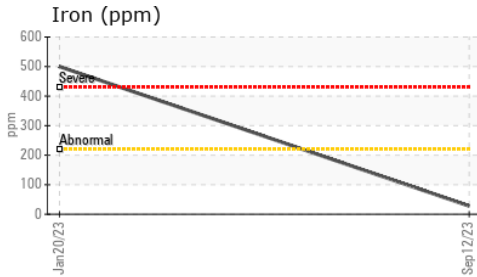


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D7279(m)	38.9	<b>33.1</b>	32.7	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color					no image
Bottom					no image

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 575 - Squamish Hauling  
**Sample No.** : GFL0077007 **Received** : 15 Sep 2023 38950 Queens Way,  
**Lab Number** : 02582877 **Diagnosed** : 15 Sep 2023 Squamish, BC  
**Unique Number** : 5643942 **Diagnostician** : Wes Davis CA V8B 0K8  
**Test Package** : MOB 1

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.

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