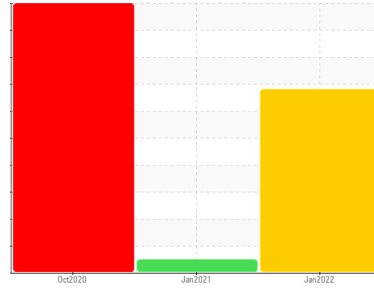




# OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id  
**7230**  
 Component  
**Transmission (Auto)**  
 Fluid  
**ATF (PAO) (--- GAL)**

## DIAGNOSIS

### Recommendation

Nous vous recommandons de vidanger le fluide de ce composant si vous ne l'avez pas déjà fait. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqua que ce fluide est du (GENERIC) ATF (PAO). Veuillez confirmer. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

### Wear

Il y a indication d'usure du convertisseur de couple. Le bas indice ferreux (PQ) indique que l'usure ferreuse est due à de la corrosion.

### Contamination

La teneur en eau est négligeable. Il n'y a aucun indice de contamination dans le le fluide.

### Fluid Condition

le fluide n'est plus en état de service en raison d'une usure anormale et/ou sévère.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>GFL0032080</b>	GFL0015527	GFL0013472
Sample Date	Client Info		<b>19 Jan 2022</b>	12 Jan 2021	29 Oct 2020
Machine Age	hrs	Client Info	<b>0</b>	0	0
Oil Age	hrs	Client Info	<b>0</b>	0	3000
Oil Changed	Client Info		<b>N/A</b>	N/A	Not Changd
Sample Status			<b>SEVERE</b>	NORMAL	SEVERE

## WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*	>50	<b>28</b>	---	52
Iron	ppm	ASTM D5185(m) >160	<b>281</b>	62	416
Chromium	ppm	ASTM D5185(m) >5	<b>&lt;1</b>	<1	1
Nickel	ppm	ASTM D5185(m) >5	<b>&lt;1</b>	<1	2
Titanium	ppm	ASTM D5185(m)	<b>0</b>	0	0
Silver	ppm	ASTM D5185(m) >5	<b>0</b>	<1	<1
Aluminum	ppm	ASTM D5185(m) >50	<b>81</b>	32	105
Lead	ppm	ASTM D5185(m) >50	<b>10</b>	6	29
Copper	ppm	ASTM D5185(m) >225	<b>35</b>	38	69
Tin	ppm	ASTM D5185(m) >10	<b>2</b>	2	4
Antimony	ppm	ASTM D5185(m)	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)	<b>0</b>	0	<1
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	0	0

## ADDITIVES

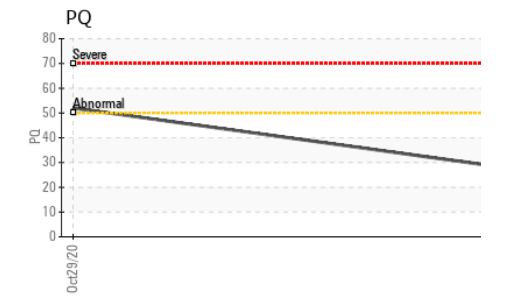
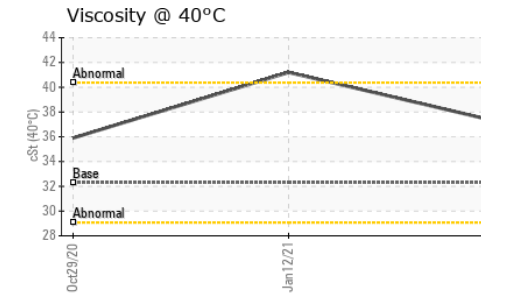
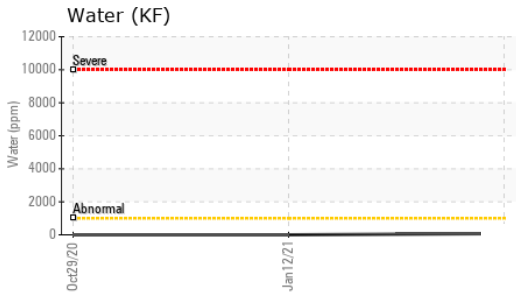
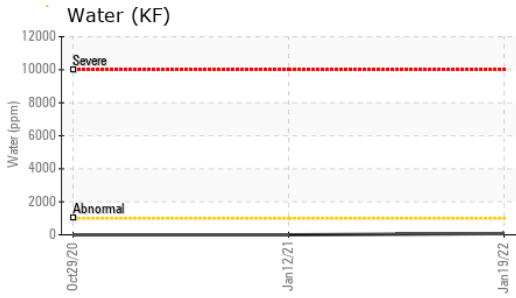
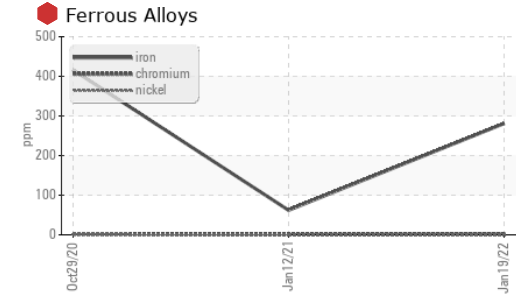
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 175	<b>103</b>	169	74
Barium	ppm	ASTM D5185(m) 5	<b>0</b>	<1	<1
Molybdenum	ppm	ASTM D5185(m) 5	<b>&lt;1</b>	0	<1
Manganese	ppm	ASTM D5185(m)	<b>3</b>	<1	5
Magnesium	ppm	ASTM D5185(m) 5	<b>&lt;1</b>	<1	<1
Calcium	ppm	ASTM D5185(m) 125	<b>35</b>	106	32
Phosphorus	ppm	ASTM D5185(m) 290	<b>278</b>	405	230
Zinc	ppm	ASTM D5185(m) 10	<b>19</b>	20	39
Sulfur	ppm	ASTM D5185(m) 400	<b>330</b>	1841	270
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	1	2

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >20	<b>14</b>	6	19
Sodium	ppm	ASTM D5185(m)	<b>6</b>	9	9
Potassium	ppm	ASTM D5185(m) >20	<b>3</b>	2	4
Water	%	ASTM D6304* >0.1	<b>0.007</b>	---	---
ppm Water	ppm	ASTM D6304* >1000	<b>75.7</b>	---	---



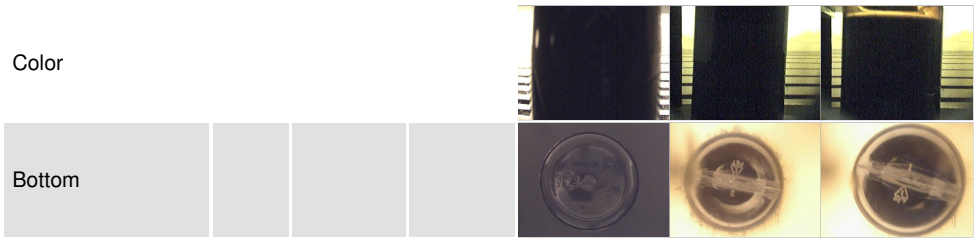
# OIL ANALYSIS REPORT



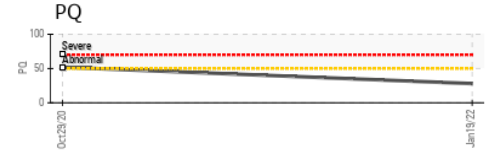
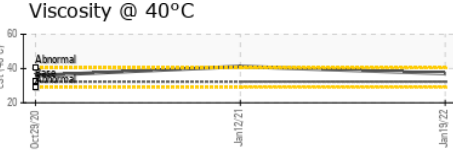
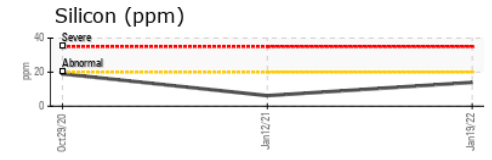
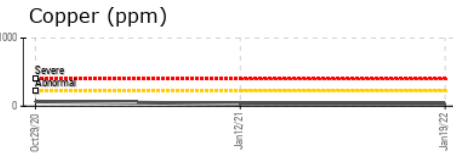
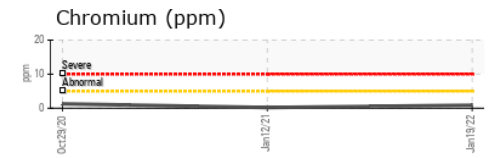
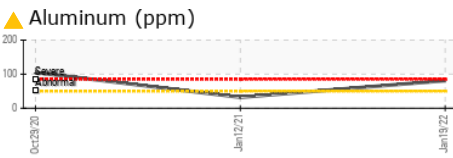
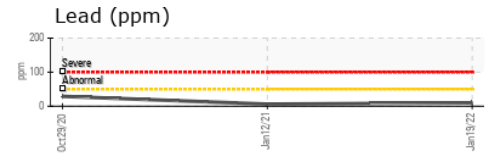
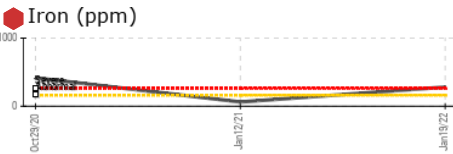
PARAMETER	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	.2%	NEG
Free Water	scalar	Visual*		NEG	NEG

PARAMETER	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	32.3	37.1	41.2

PARAMETER	method	limit/base	current	history1	history2
-----------	--------	------------	---------	----------	----------



## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 737 - Quebec City Hauling  
**Sample No.** : GFL0032080 **Received** : 21 Jan 2022  
**Lab Number** : 02467647 **Diagnosed** : 24 Jan 2022  
**Unique Number** : 5344565 **Diagnostician** : Kevin Marson  
**Test Package** : MOB 1 ( Additional Tests: KF, PQ )

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.

6205 Boul. Wilfrid Hamel,  
 Quebec City, QC  
 CA G2E 5G8  
 Contact: Dave Beaulieu  
 davebeaulieu@matrec.ca  
 T:  
 F: