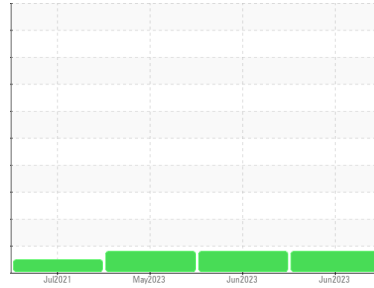




# OIL ANALYSIS REPORT

## Sample Rating Trend



**WEAR**



Machine Id  
**9255**

Component  
**Transmission (Auto)**

Fluid  
**PETRO CANADA DURADRIVE HD SYNTHETIC ATF (--- GAL)**

### DIAGNOSIS

#### Recommendation

Nous vous recommandons de vidanger le fluide de ce composant si vous ne l'avez pas déjà fait. Confirm the source of the lubricant being utilized for top-up/fill. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

#### Wear

Le taux de fer est anormal. Usure des engrenages. Le bas indice ferreux (PQ) indique que l'usure ferreuse est due à de la corrosion.

#### Contamination

Il n'y a aucun indice de contamination dans le fluide.

#### Fluid Condition

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. 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>GFL0084476</b>	GFL0073432	GFL0073385	
Sample Date	Client Info	<b>22 Jun 2023</b>	15 Jun 2023	01 May 2023	
Machine Age	kms	Client Info	<b>354046</b>	353116	1624
Oil Age	kms	Client Info	<b>0</b>	1200	1200
Oil Changed	Client Info	<b>Not Chngd</b>	Not Chngd	Not Chngd	
Sample Status		<b>ABNORMAL</b>	ABNORMAL	ABNORMAL	

### WEAR METALS

method	limit/base	current	history1	history2		
PQ	ASTM D8184*	>75	<b>5</b>	10	8	
Iron	ppm	ASTM D5185(m)	>220	<b>▲ 239</b>	▲ 237	▲ 256
Chromium	ppm	ASTM D5185(m)	>2	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>75	<b>50</b>	50	52
Lead	ppm	ASTM D5185(m)	>95	<b>6</b>	6	6
Copper	ppm	ASTM D5185(m)	>60	<b>12</b>	12	13
Tin	ppm	ASTM D5185(m)	>10	<b>2</b>	2	2
Antimony	ppm	ASTM D5185(m)	>2	<b>0</b>	<1	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
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)		<b>104</b>	104	115
Barium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	0
Manganese	ppm	ASTM D5185(m)		<b>2</b>	2	2
Magnesium	ppm	ASTM D5185(m)		<b>1</b>	1	<1
Calcium	ppm	ASTM D5185(m)		<b>56</b>	59	44
Phosphorus	ppm	ASTM D5185(m)		<b>277</b>	279	294
Zinc	ppm	ASTM D5185(m)		<b>6</b>	4	3
Sulfur	ppm	ASTM D5185(m)		<b>542</b>	582	410
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1

### CONTAMINANTS

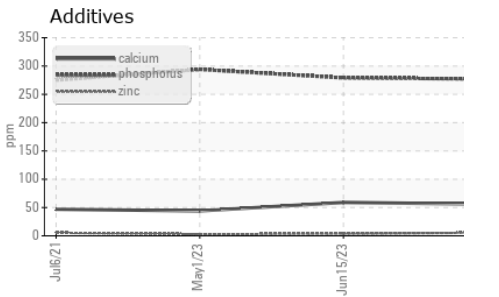
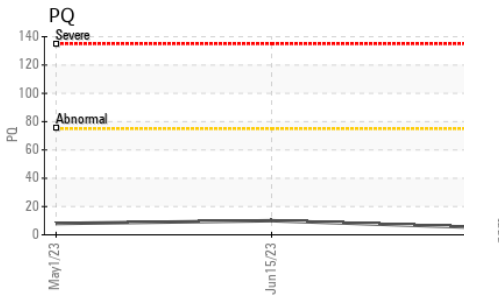
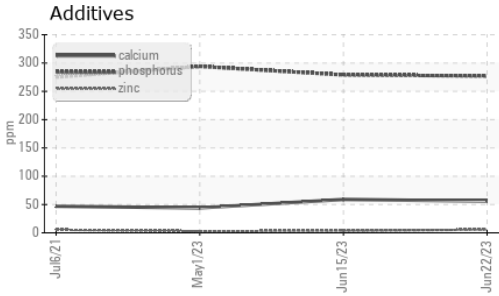
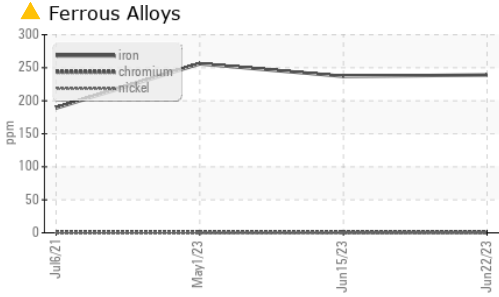
method	limit/base	current	history1	history2		
Silicon	ppm	ASTM D5185(m)	>25	<b>22</b>	22	23
Sodium	ppm	ASTM D5185(m)		<b>4</b>	4	4
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	2	2

### VISUAL

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



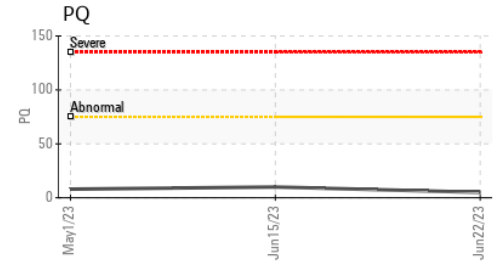
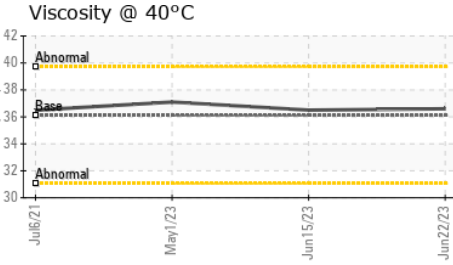
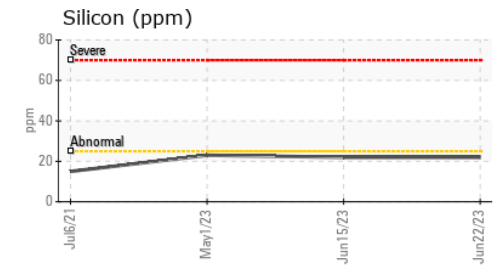
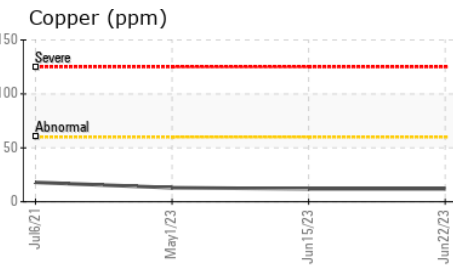
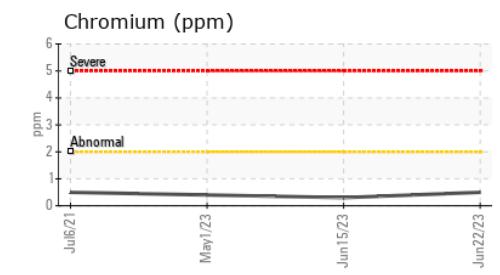
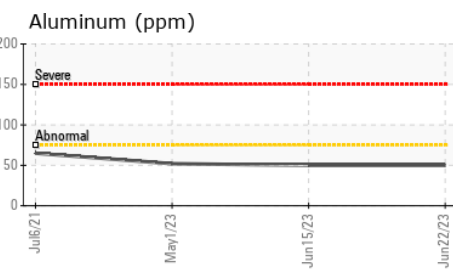
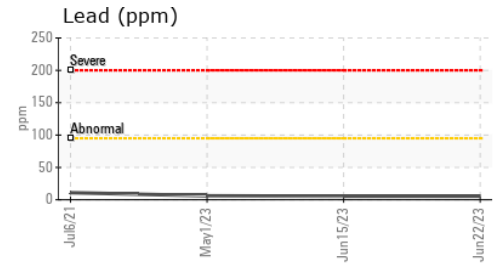
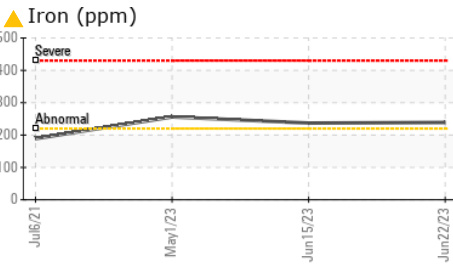
# OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	<b>36.6</b>	36.5	37.1

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
Bottom						

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 780 - GMA - ICI - Solid Waste  
**Sample No.** : GFL0084476 **Received** : 10 Jul 2023  
**Lab Number** : 02568838 **Diagnosed** : 11 Jul 2023  
**Unique Number** : 5605884 **Diagnostician** : Kevin Marson  
**Test Package** : MOB 1 ( Additional Tests: 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.

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