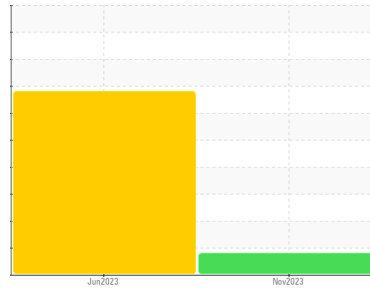




OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
7149

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

Usure des engrenages. Le bas indice ferreux (PQ) indique que l'usure ferreuse est due à de la corrosion. Le diagnostic reflète les données mises à jour sur ce composant.

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		GFL0097078	GFL0084443	---
Sample Date	Client Info		23 Nov 2023	15 Jun 2023	---
Machine Age	kms	Client Info	266403	6184	---
Oil Age	kms	Client Info	0	0	---
Oil Changed	Client Info		Not Changed	Not Changed	---
Sample Status			ABNORMAL	SEVERE	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	NEG	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*	>100	36	30	---
Iron	ppm	ASTM D5185(m)	>300	▲ 398	355
Chromium	ppm	ASTM D5185(m)	>2	<1	<1
Nickel	ppm	ASTM D5185(m)	>4	<1	<1
Titanium	ppm	ASTM D5185(m)	>3	0	<1
Silver	ppm	ASTM D5185(m)	>5	<1	0
Aluminum	ppm	ASTM D5185(m)	>70	67	67
Lead	ppm	ASTM D5185(m)	>85	25	27
Copper	ppm	ASTM D5185(m)	>90	42	44
Tin	ppm	ASTM D5185(m)	>10	8	8
Antimony	ppm	ASTM D5185(m)	>5	0	<1
Vanadium	ppm	ASTM D5185(m)		0	0
Beryllium	ppm	ASTM D5185(m)		0	0
Cadmium	ppm	ASTM D5185(m)		0	0

ADDITIVES

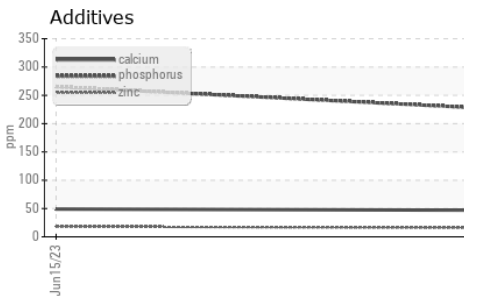
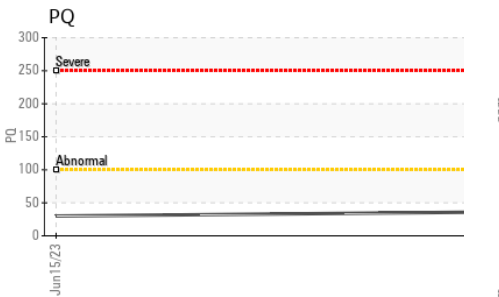
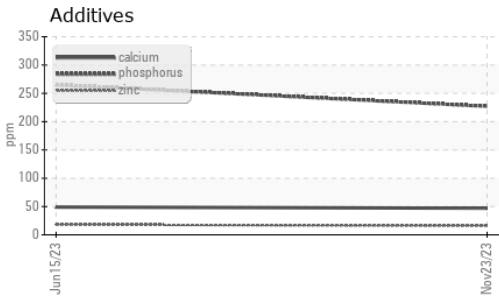
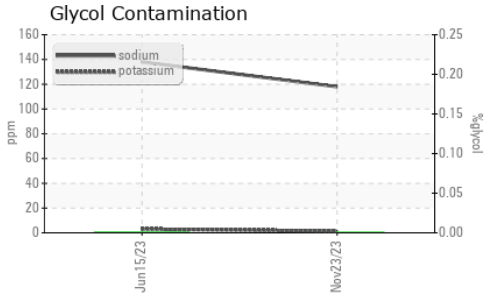
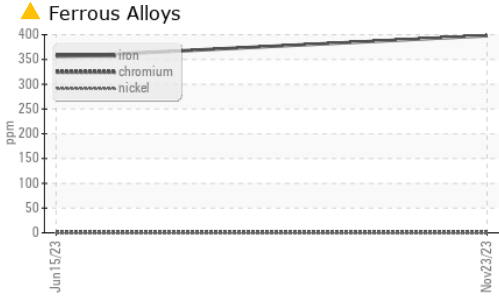
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		57	64
Barium	ppm	ASTM D5185(m)		<1	0
Molybdenum	ppm	ASTM D5185(m)		<1	<1
Manganese	ppm	ASTM D5185(m)		3	3
Magnesium	ppm	ASTM D5185(m)		<1	2
Calcium	ppm	ASTM D5185(m)		47	49
Phosphorus	ppm	ASTM D5185(m)		227	265
Zinc	ppm	ASTM D5185(m)		16	18
Sulfur	ppm	ASTM D5185(m)		449	443
Lithium	ppm	ASTM D5185(m)		<1	<1

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	16	16
Sodium	ppm	ASTM D5185(m)		118	138
Potassium	ppm	ASTM D5185(m)	>20	1	3
Glycol	%	ASTM D7922*		0.0	0.0



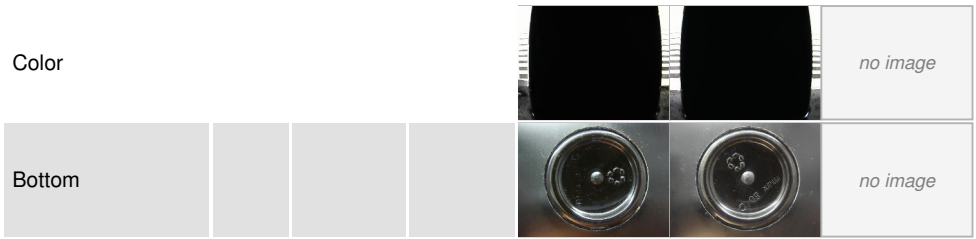
OIL ANALYSIS REPORT



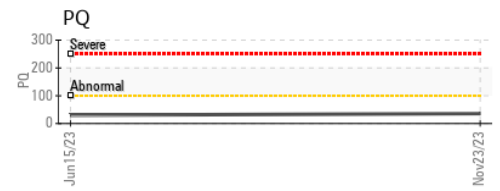
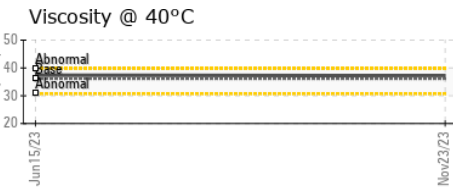
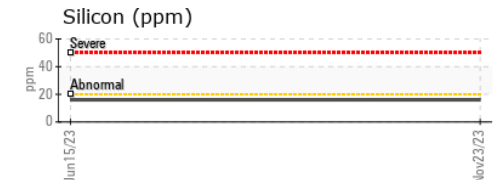
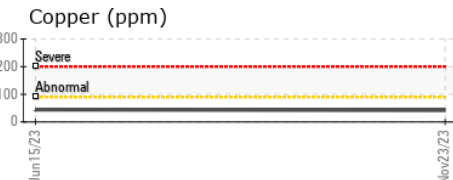
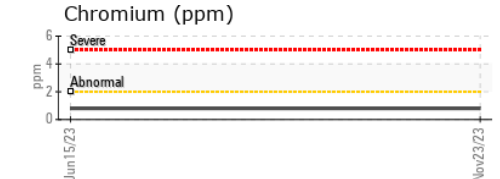
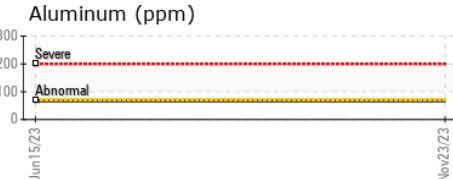
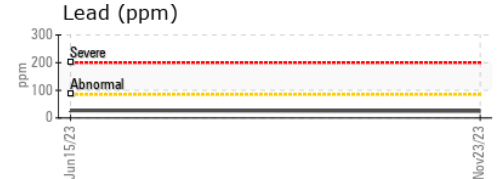
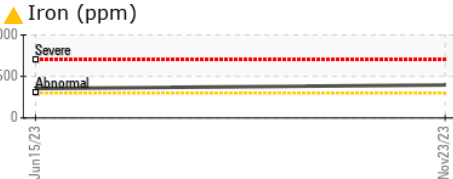
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	37.2	37.4

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 780 - GMA - ICI - Solid Waste
Sample No. : GFL0097078 **Received** : 05 Dec 2023
Lab Number : 02601002 **Diagnosed** : 07 Dec 2023
Unique Number : 5694087 **Diagnostician** : Kevin Marson
Test Package : MOB 1 (Additional Tests: Glycol, 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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