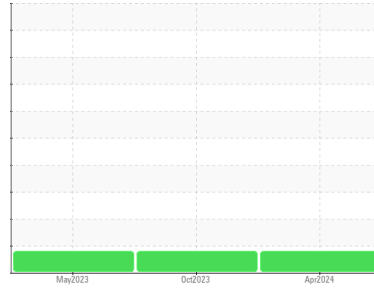




OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
411010
 Component
Transmission (Auto)
 Fluid
PETRO CANADA DuraDrive HD Synthetic 668 (--- 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.

Wear

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

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		GFL0111794	GFL0063139	GFL0063109
Sample Date	Client Info		15 Apr 2024	30 Oct 2023	23 May 2023
Machine Age	hrs	Client Info	7569	6655	5722
Oil Age	hrs	Client Info	0	0	0
Oil Changed	Client Info		N/A	N/A	Not Changd
Sample Status			ABNORMAL	ABNORMAL	ABNORMAL

CONTAMINATION

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

WEAR METALS

	method	limit/base	current	history1	history2	
PQ	ASTM D8184*	>75	11	10	19	
Iron	ppm	ASTM D5185(m)	>220	▲ 302	▲ 273	▲ 257
Chromium	ppm	ASTM D5185(m)	>2	<1	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	0	0
Silver	ppm	ASTM D5185(m)	>5	0	<1	0
Aluminum	ppm	ASTM D5185(m)	>75	44	40	38
Lead	ppm	ASTM D5185(m)	>95	64	59	59
Copper	ppm	ASTM D5185(m)	>60	31	27	26
Tin	ppm	ASTM D5185(m)	>10	7	6	6
Antimony	ppm	ASTM D5185(m)	>2	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Beryllium	ppm	ASTM D5185(m)		0	0	0
Cadmium	ppm	ASTM D5185(m)		0	0	0

ADDITIVES

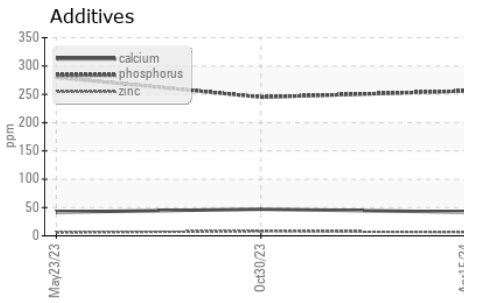
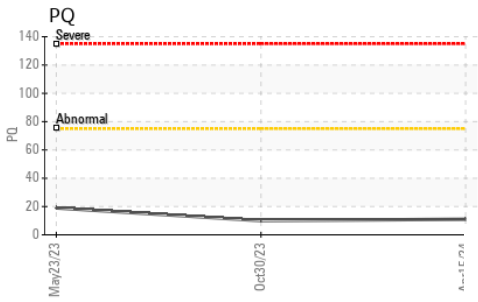
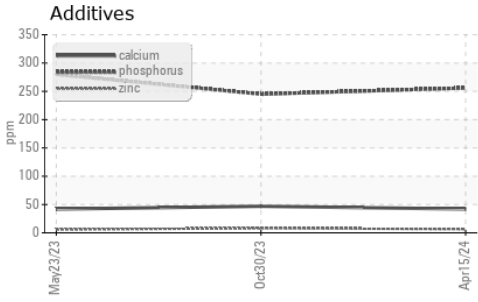
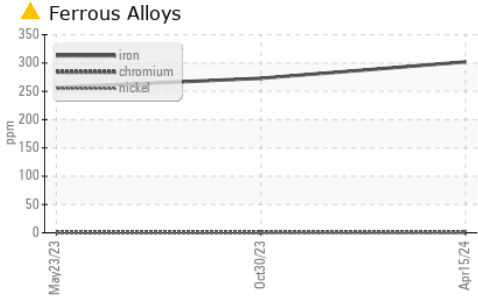
	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185(m)	78	83	83	90
Barium	ppm	ASTM D5185(m)		1	1	<1
Molybdenum	ppm	ASTM D5185(m)	0	0	<1	<1
Manganese	ppm	ASTM D5185(m)		4	4	4
Magnesium	ppm	ASTM D5185(m)	0	1	<1	<1
Calcium	ppm	ASTM D5185(m)	113	42	47	42
Phosphorus	ppm	ASTM D5185(m)	222	256	245	280
Zinc	ppm	ASTM D5185(m)		6	8	6
Sulfur	ppm	ASTM D5185(m)	1326	712	686	755
Lithium	ppm	ASTM D5185(m)		1	1	1

CONTAMINANTS

	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185(m)	>25	7	8	8
Sodium	ppm	ASTM D5185(m)		12	10	8
Potassium	ppm	ASTM D5185(m)	>20	6	4	5



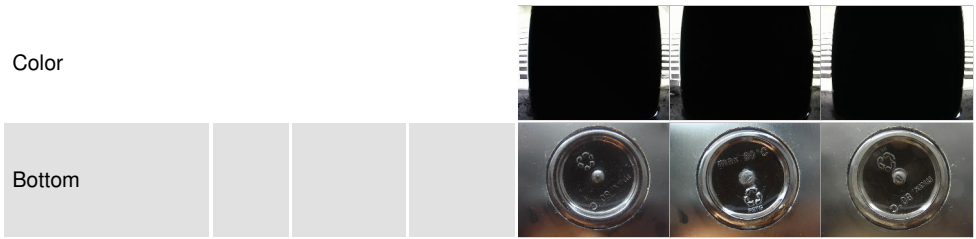
OIL ANALYSIS REPORT



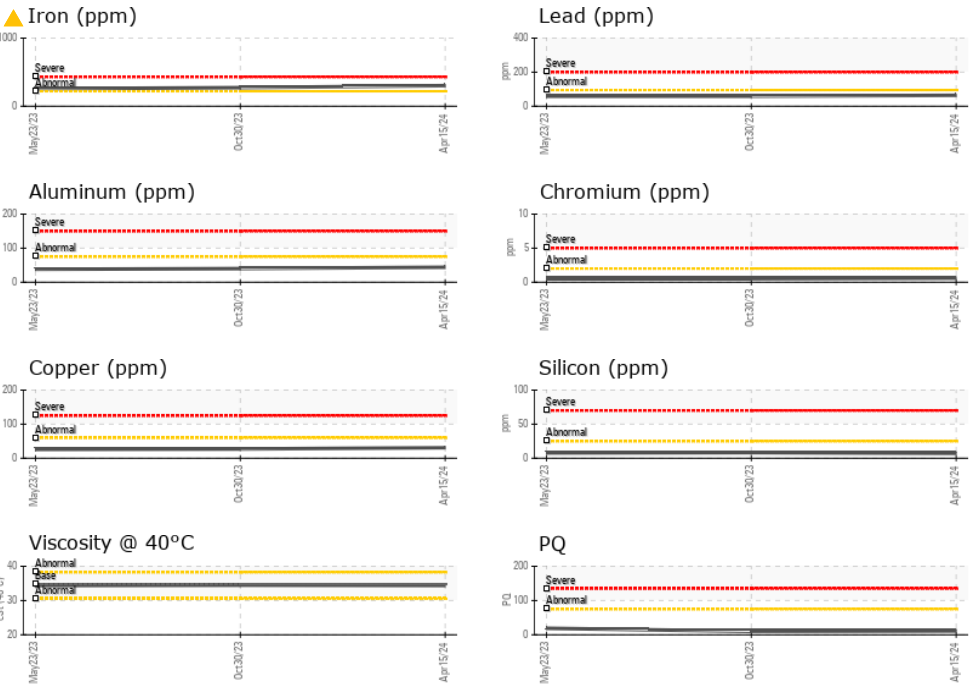
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	LIGHT
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	34.8	34.4	34.5

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 - 769 - Drummondville QC**
Sample No. : GFL0111794 **Received** : 08 May 2024 1005 rue Rhea
Lab Number : **02634145** **Tested** : 08 May 2024 Drummondville, QC
Unique Number : 5775298 **Diagnosed** : 09 May 2024 - Kevin Marson CA J2B 8A9
Test Package : MOB 1 (Additional Tests: PQ) **Contact:** Service Manager

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.