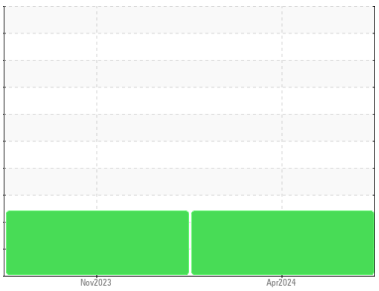
OIL ANALYSIS REPORT

Sample Rating Trend



WEAR

Machine Id
711024
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. Nous vous recommandons d`échantillonner de nouveau dès que possible afin de contrôler la situation.

▲ Wear
Il y a indication d'usure du convertisseur de couple. Usure de disque d`embrayage. Usure de palier.

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 anomale et/ou sévère.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**GFL0114818**	GFL0097083	---
Sample Date		Client Info		**18 Apr 2024**	01 Nov 2023	---
Machine Age	kms	Client Info		**5864**	66392	---
Oil Age	kms	Client Info		**0**	0	---
Oil Changed		Client Info		**Not Changd**	Not Changd	---
Sample Status				**ABNORMAL**	ABNORMAL	---

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

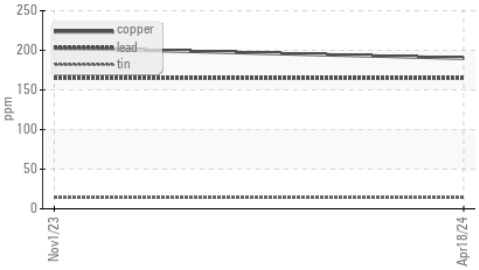
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>220	**141**	142	---
Chromium	ppm	ASTM D5185(m)	>2	**<1**	<1	---
Nickel	ppm	ASTM D5185(m)	>5	**<1**	<1	---
Titanium	ppm	ASTM D5185(m)		**0**	0	---
Silver	ppm	ASTM D5185(m)	>5	**0**	<1	---
Aluminum	ppm	ASTM D5185(m)	>75	▲ **122**	▲ 114	---
Lead	ppm	ASTM D5185(m)	>95	▲ **165**	▲ 165	---
Copper	ppm	ASTM D5185(m)	>60	**190**	203	---
Tin	ppm	ASTM D5185(m)	>10	▲ **14**	▲ 14	---
Antimony	ppm	ASTM D5185(m)	>2	**0**	0	---
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)		**140**	157	---
Barium	ppm	ASTM D5185(m)		**<1**	<1	---
Molybdenum	ppm	ASTM D5185(m)		**0**	<1	---
Manganese	ppm	ASTM D5185(m)		**2**	2	---
Magnesium	ppm	ASTM D5185(m)		**2**	1	---
Calcium	ppm	ASTM D5185(m)		**128**	139	---
Phosphorus	ppm	ASTM D5185(m)		**377**	430	---
Zinc	ppm	ASTM D5185(m)		**8**	9	---
Sulfur	ppm	ASTM D5185(m)		**1921**	2207	---
Lithium	ppm	ASTM D5185(m)		**<1**	<1	---

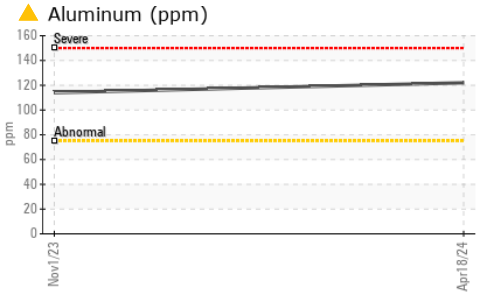
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>25	**13**	12	---
Sodium	ppm	ASTM D5185(m)		**13**	14	---
Potassium	ppm	ASTM D5185(m)	>20	**6**	5	---

OIL ANALYSIS REPORT

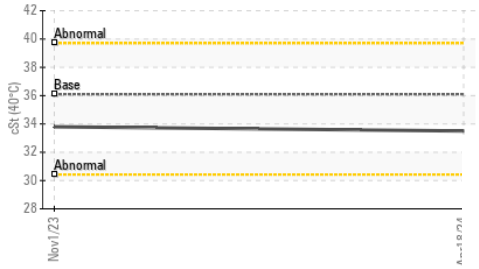
Non-ferrous Metals



Aluminum (ppm)

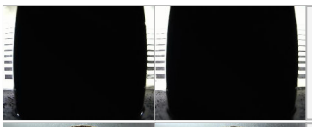


Viscosity @ 40°C



VISUAL		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	**NEG**	NEG	---
Free Water	scalar	Visual*		**NEG**	NEG	---

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	36.1	**33.5**	33.8	---

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

GRAPHS

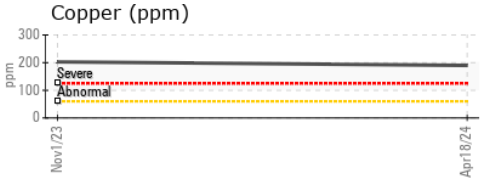
Iron (ppm)

Lead (ppm)

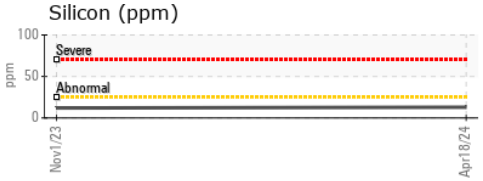
Aluminum (ppm)

Chromium (ppm)

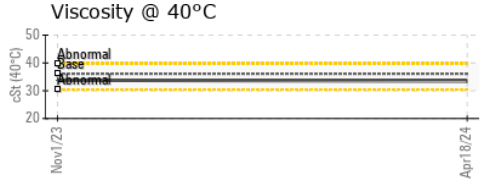
Copper (ppm)



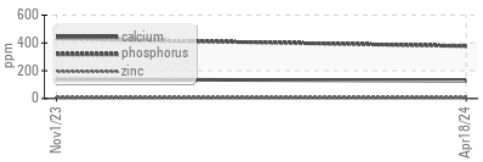
Silicon (ppm)



Viscosity @ 40°C



Additives



ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0114818
Lab Number : 02631196
Unique Number : 5772349
Test Package : MOB 1

Received : 24 Apr 2024
Tested : 24 Apr 2024
Diagnosed : 24 Apr 2024 - Kevin Marson

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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