



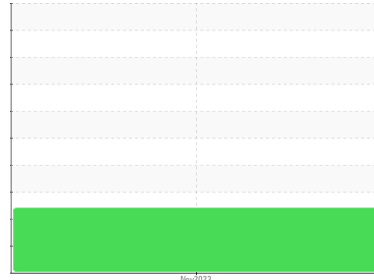
OIL ANALYSIS REPORT

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 anormale et/ou sévère.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	GFL0097083	---	---
Sample Date	Client Info	01 Nov 2023	---	---
Machine Age	kms Client Info	66392	---	---
Oil Age	kms Client Info	0	---	---
Oil Changed	Client Info	Not Chngd	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185(m)	>220	142	---	---
Chromium ppm ASTM D5185(m)	>2	<1	---	---
Nickel ppm ASTM D5185(m)	>5	<1	---	---
Titanium ppm ASTM D5185(m)		0	---	---
Silver ppm ASTM D5185(m)	>5	<1	---	---
Aluminum ppm ASTM D5185(m)	>75	▲ 114	---	---
Lead ppm ASTM D5185(m)	>95	▲ 165	---	---
Copper ppm ASTM D5185(m)	>60	203	---	---
Tin ppm ASTM D5185(m)	>10	▲ 14	---	---
Antimony ppm ASTM D5185(m)	>2	0	---	---
Vanadium ppm ASTM D5185(m)		0	---	---
Beryllium ppm ASTM D5185(m)		0	---	---
Cadmium ppm ASTM D5185(m)		0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185(m)		157	---	---
Barium ppm ASTM D5185(m)		<1	---	---
Molybdenum ppm ASTM D5185(m)		<1	---	---
Manganese ppm ASTM D5185(m)		2	---	---
Magnesium ppm ASTM D5185(m)		1	---	---
Calcium ppm ASTM D5185(m)		139	---	---
Phosphorus ppm ASTM D5185(m)		430	---	---
Zinc ppm ASTM D5185(m)		9	---	---
Sulfur ppm ASTM D5185(m)		2207	---	---
Lithium ppm ASTM D5185(m)		<1	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185(m)	>25	12	---	---
Sodium ppm ASTM D5185(m)		14	---	---
Potassium ppm ASTM D5185(m)	>20	5	---	---
Glycol % ASTM D7922*		0.0	---	---

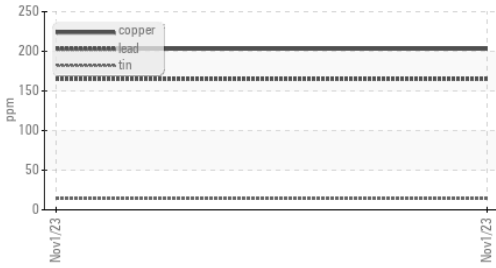
VISUAL

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	---	---

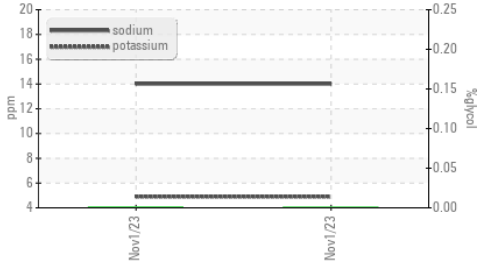


OIL ANALYSIS REPORT

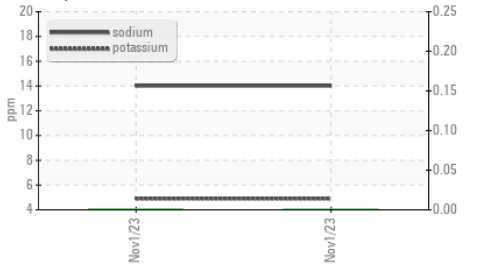
Non-ferrous Metals



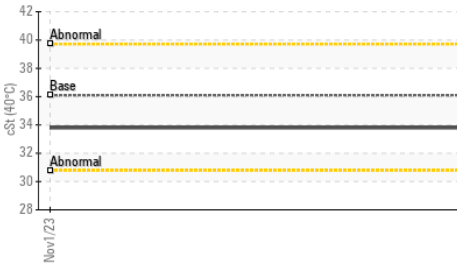
Glycol Contamination



Glycol Contamination



Viscosity @ 40°C



FLUID PROPERTIES

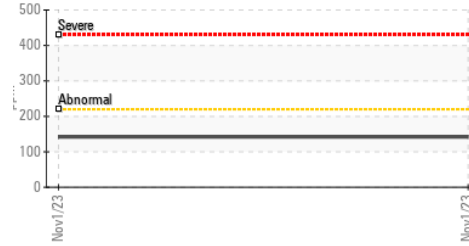
method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D7279(m)	36.1	33.8	---

SAMPLE IMAGES

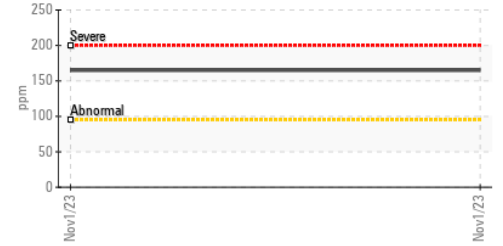
method	limit/base	current	history1	history2
Color			no image	no image
Bottom			no image	no image

GRAPHS

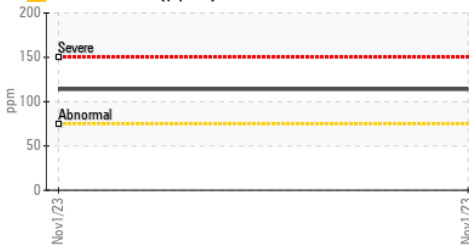
Iron (ppm)



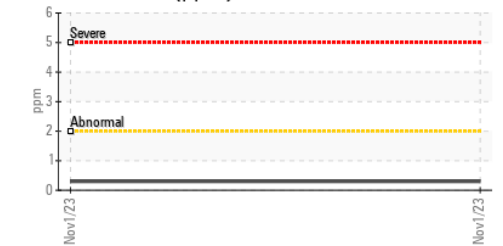
Lead (ppm)



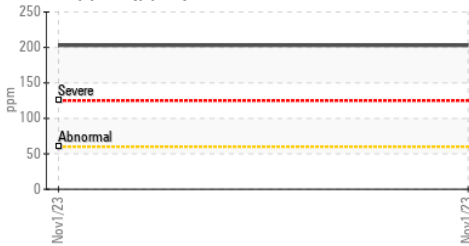
Aluminum (ppm)



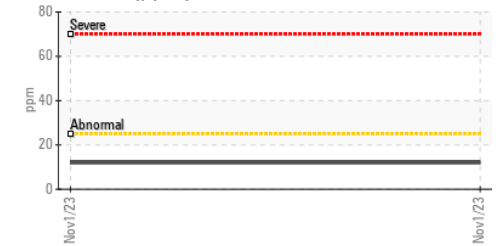
Chromium (ppm)



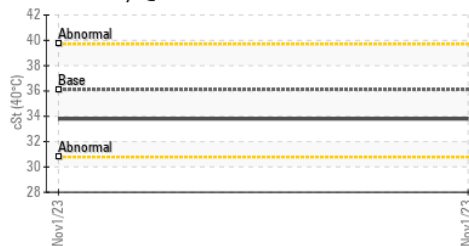
Copper (ppm)



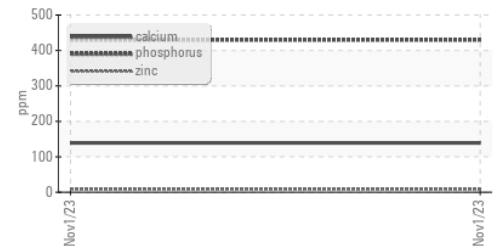
Silicon (ppm)



Viscosity @ 40°C



Additives



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 780 - GMA - ICI - Solid Waste
Sample No. : GFL0097083 **Received** : 03 Nov 2023
Lab Number : 02593966 **Diagnosed** : 03 Nov 2023
Unique Number : 5671045 **Diagnostician** : Kevin Marson
Test Package : MOB 1 (Additional Tests: Glycol)

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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