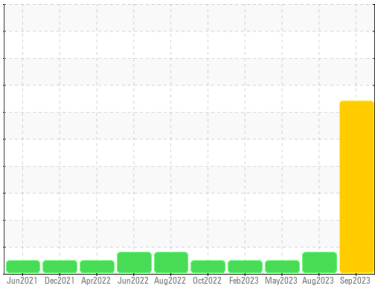
OIL ANALYSIS REPORT

Sample Rating Trend



DIRT

Machine Id
811032
Component
Transmission (Auto)
Fluid
DEXRON III (--- GAL)

DIAGNOSIS

Recommendation

Nous vous recommandons de vérifier tous les endroits par lesquels de la saleté peut pénétrer dans le système. Nous vous recommandons de vidanger le fluide de ce composant si vous ne l`avez pas déjà fait. Nous vous recommandons de rincer complètement le composant avant de le remplir le fluide. Nous vous recommandons d`échantillonner de nouveau dès que possible afin de contrôler la situation. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqu que ce fluide est du (GENERIC) DEXRON III. Veuillez confirmer.

Wear

Il y a indication d'usure du convertisseur de couple. Le bas indice ferreux (PQ) indique que l'usure ferreuse est due à de la corrosion.

Contamination

Concentration élevée de saleté dans le fluide. Une grande quantité de saleté a provoqué une usure abrasive du composant.

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		**GFL0097407**	GFL0089666	GFL0078357
Sample Date		Client Info		**26 Sep 2023**	22 Aug 2023	29 May 2023
Machine Age	hrs	Client Info		**6031**	5730	5157
Oil Age	hrs	Client Info		**6031**	5157	1664
Oil Changed		Client Info		**N/A**	N/A	N/A
Sample Status				**SEVERE**	ABNORMAL	NORMAL

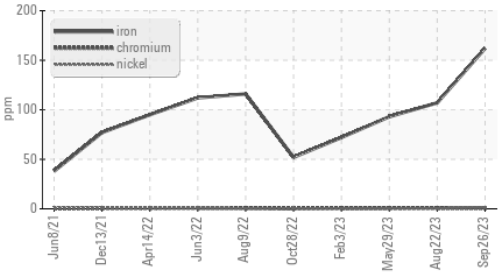
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*	>50	**9**	---	---
Iron	ppm	ASTM D5185(m)	>160	▲ **162**	107	93
Chromium	ppm	ASTM D5185(m)	>5	**<1**	<1	<1
Nickel	ppm	ASTM D5185(m)	>5	**1**	<1	<1
Titanium	ppm	ASTM D5185(m)		**1**	0	0
Silver	ppm	ASTM D5185(m)	>5	**<1**	<1	0
Aluminum	ppm	ASTM D5185(m)	>50	▲ **84**	▲ 51	44
Lead	ppm	ASTM D5185(m)	>50	**13**	11	8
Copper	ppm	ASTM D5185(m)	>225	**28**	26	24
Tin	ppm	ASTM D5185(m)	>10	**6**	6	5
Antimony	ppm	ASTM D5185(m)		**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)		**66**	68	74
Barium	ppm	ASTM D5185(m)		**<1**	<1	<1
Molybdenum	ppm	ASTM D5185(m)		**0**	<1	<1
Manganese	ppm	ASTM D5185(m)		**2**	2	2
Magnesium	ppm	ASTM D5185(m)		**10**	1	<1
Calcium	ppm	ASTM D5185(m)		**101**	88	86
Phosphorus	ppm	ASTM D5185(m)		**233**	251	303
Zinc	ppm	ASTM D5185(m)		**33**	8	7
Sulfur	ppm	ASTM D5185(m)		**1055**	1043	1876
Lithium	ppm	ASTM D5185(m)		**<1**	<1	<1

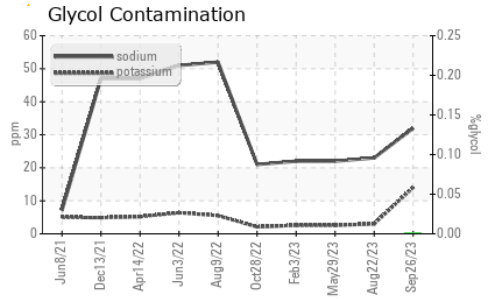
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	⬢ **81**	11	12
Sodium	ppm	ASTM D5185(m)		**32**	23	22
Potassium	ppm	ASTM D5185(m)	>20	**14**	3	3
Glycol	%	ASTM D7922*		**0.0**	---	---

OIL ANALYSIS REPORT

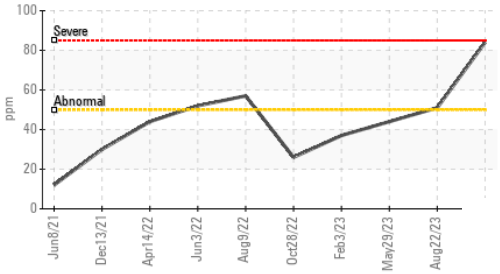
Ferrous Alloys



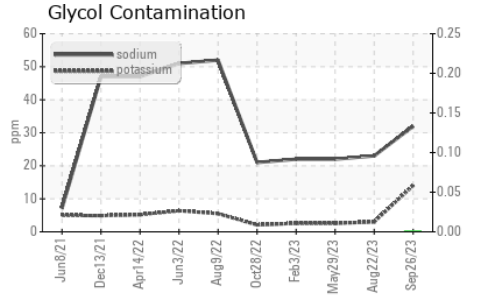
Glycol Contamination



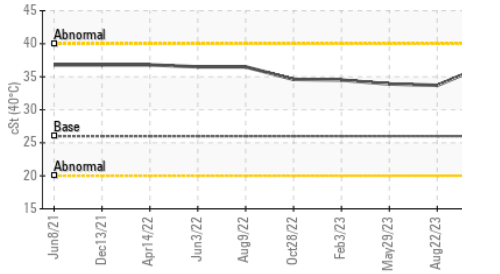
Aluminum (ppm)



Glycol Contamination



Viscosity @ 40°C



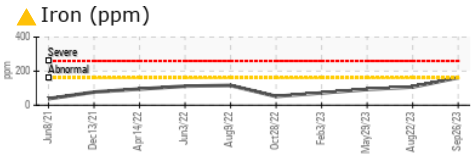
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	**NONE**	NONE	NONE
Precipitate	scalar	Visual*	NONE	**NONE**	NONE	NONE
Silt	scalar	Visual*	NONE	**NONE**	NONE	NONE
Debris	scalar	Visual*	NONE	**NONE**	VLITE	NONE
Sand/Dirt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

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	26.0	**36.7**	33.7	33.9

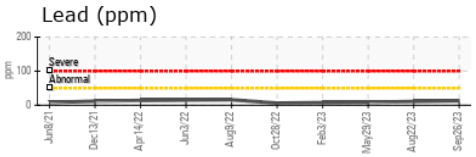
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS

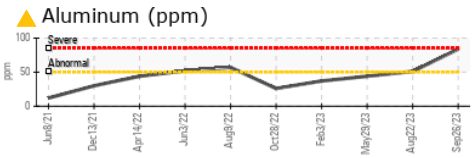
Iron (ppm)



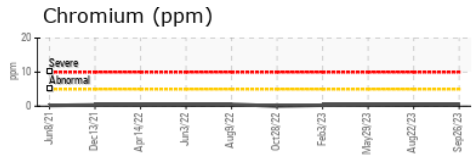
Lead (ppm)



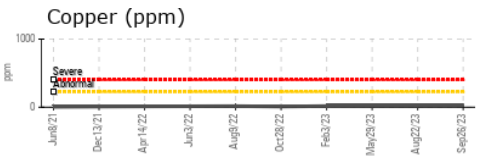
Aluminum (ppm)



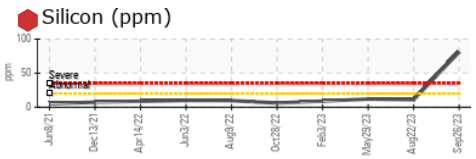
Chromium (ppm)



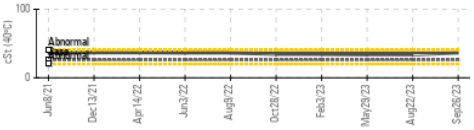
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



PQ

ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 732 - Beauce - Hauling - Solid Waste**
Sample No. : GFL0097407 **Received** : 12 Oct 2023 139, 181 Street,
Lab Number : 02588661 **Diagnosed** : 16 Oct 2023 Beauceville, QC
Unique Number : 5657727 **Diagnostician** : Kevin Marson CA G5X 2S9
Test Package : MOB 1 (Additional Tests: Glycol, PQ) Contact: Denis Bedard

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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