



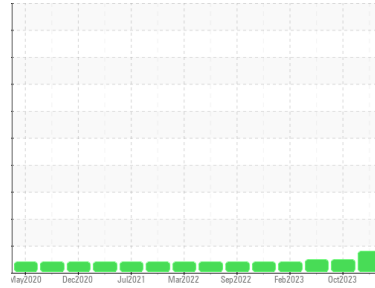
OIL ANALYSIS REPORT

Sample Rating Trend

WEAR



Machine Id
4751
Component
Transmission (Auto)
Fluid
TES SYN 295 (--- GAL)



DIAGNOSIS

Recommendation

Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

Wear

Le taux de fer est marginal. Les taux d'usure de tous les autres composants sont normaux.

Contamination

Il n'y a aucun indice de contamination dans le fluide.

Fluid Condition

La viscosité de l'échantillon se situe dans la portée de l'SAE 80; nous vous conseillons de vérifier. L'état de le fluide est acceptable pour la durée de service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		GFL0110465	GFL0061264	GFL0078354
Sample Date	Client Info		07 Feb 2024	17 Oct 2023	19 Apr 2023
Machine Age	hrs	Client Info	14363	13758	12773
Oil Age	hrs	Client Info	14363	13758	12773
Oil Changed	Client Info		N/A	N/A	N/A
Sample Status			MARGINAL	NORMAL	NORMAL

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*	>50	0	---	---
Iron	ppm	ASTM D5185(m) >160	▲ 160	158	123
Chromium	ppm	ASTM D5185(m) >5	1	1	<1
Nickel	ppm	ASTM D5185(m) >5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)	0	0	<1
Silver	ppm	ASTM D5185(m) >5	0	<1	0
Aluminum	ppm	ASTM D5185(m) >50	2	2	1
Lead	ppm	ASTM D5185(m) >50	9	9	11
Copper	ppm	ASTM D5185(m) >225	20	21	20
Tin	ppm	ASTM D5185(m) >10	1	1	2
Antimony	ppm	ASTM D5185(m)	0	0	<1
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) 85	198	197	217
Barium	ppm	ASTM D5185(m) 0	<1	<1	0
Molybdenum	ppm	ASTM D5185(m) 0	<1	<1	<1
Manganese	ppm	ASTM D5185(m) 0	5	5	4
Magnesium	ppm	ASTM D5185(m) 1	15	13	4
Calcium	ppm	ASTM D5185(m) 100	166	166	169
Phosphorus	ppm	ASTM D5185(m) 200	1373	1338	1453
Zinc	ppm	ASTM D5185(m) 0	75	76	66
Sulfur	ppm	ASTM D5185(m) 1500	13426	13029	13608
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

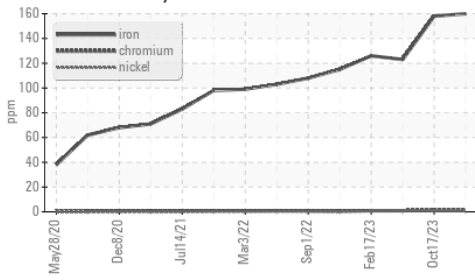
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >20	4	5	4
Sodium	ppm	ASTM D5185(m)	4	6	3
Potassium	ppm	ASTM D5185(m) >20	2	5	1

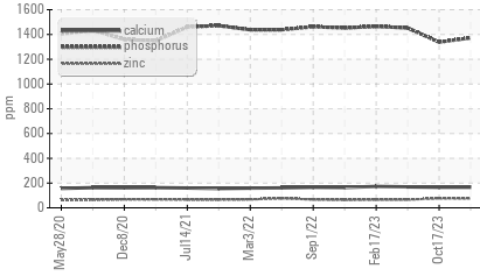


OIL ANALYSIS REPORT

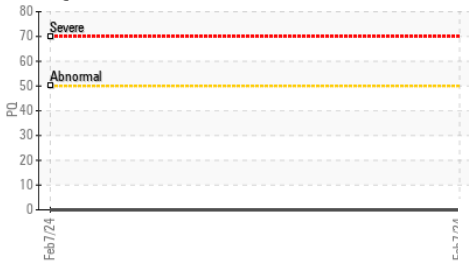
▲ Ferrous Alloys



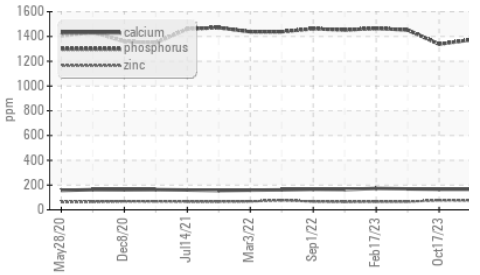
Additives



PQ



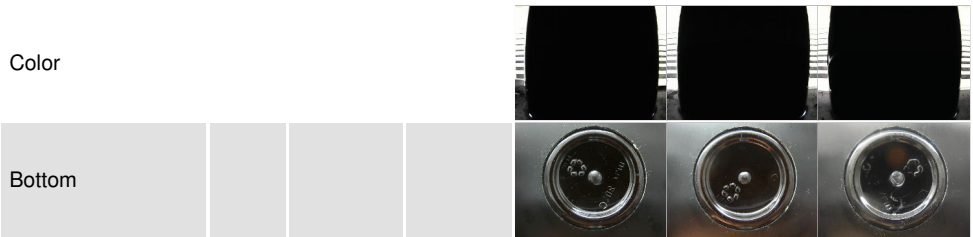
Additives



PARAMETER	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	VLITE	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

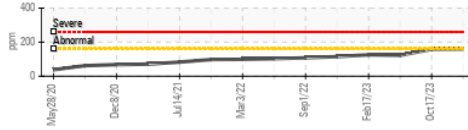
FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	37.0	89.4	85.5

SAMPLE IMAGES	method	limit/base	current	history1	history2
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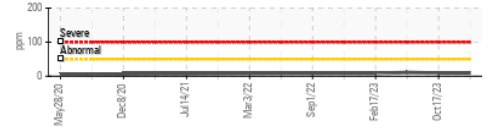


GRAPHS

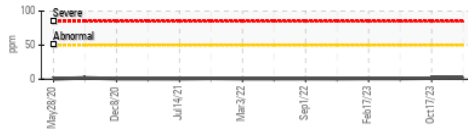
▲ Iron (ppm)



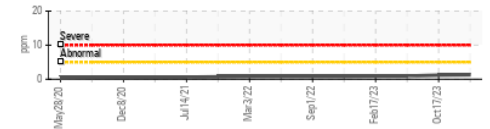
Lead (ppm)



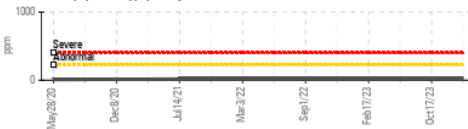
Aluminum (ppm)



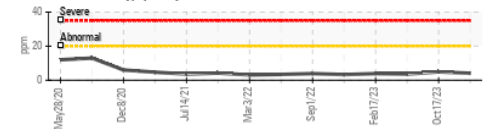
Chromium (ppm)



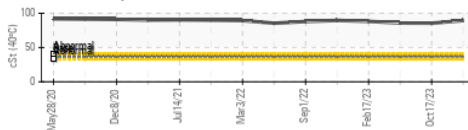
Copper (ppm)



Silicon (ppm)



Viscosity @ 40°C



PQ



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
 Sample No. : GFL0110465
 Lab Number : 02618992
 Unique Number : 5736102
 Test Package : MOB 1 (Additional Tests: PQ)

GFL Environmental - 732 - Beauce - Hauling - Solid Waste
 139, 181 Street,
 Beauceville, QC
 CA G5X 2S9
 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.

T: (418)774-5275
 F: