



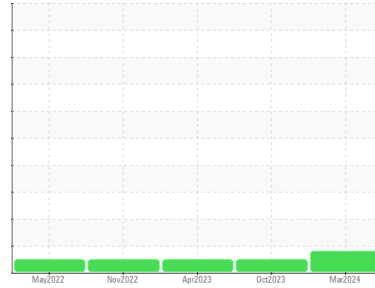
OIL ANALYSIS REPORT

Sample Rating Trend

WEAR



Machine Id
811034
Component
Transmission (Auto)
Fluid
CASTROL TRANSYND (16 LTR)



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.

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		GFL0107637	GFL0096405	GFL0079420
Sample Date	Client Info		21 Mar 2024	05 Oct 2023	21 Apr 2023
Machine Age	kms	Client Info	109308	4470	3580
Oil Age	kms	Client Info	0	0	1200
Oil Changed	Client Info		N/A	Not Changd	Changed
Sample Status			ABNORMAL	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
Iron	ppm	ASTM D5185(m) >230	123	113	91
Chromium	ppm	ASTM D5185(m) >2	<1	<1	<1
Nickel	ppm	ASTM D5185(m) >5	<1	<1	<1
Titanium	ppm	ASTM D5185(m) >2	0	0	0
Silver	ppm	ASTM D5185(m) >5	0	<1	0
Aluminum	ppm	ASTM D5185(m) >65	▲ 65	56	46
Lead	ppm	ASTM D5185(m) >55	9	9	8
Copper	ppm	ASTM D5185(m) >85	26	22	18
Tin	ppm	ASTM D5185(m) >5	5	4	4
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

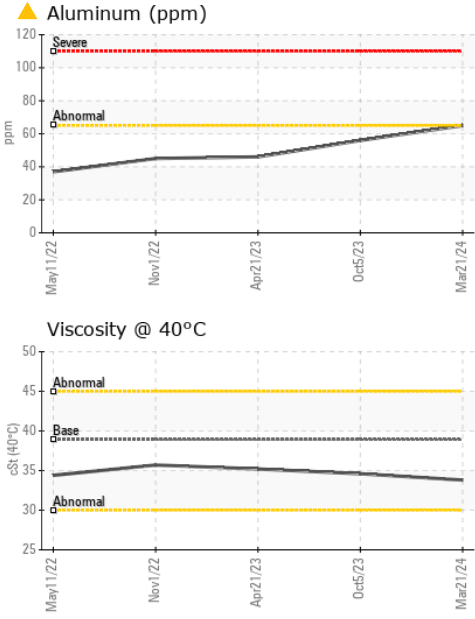
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 150	67	70	78
Barium	ppm	ASTM D5185(m) 0	<1	1	<1
Molybdenum	ppm	ASTM D5185(m) 0	0	<1	<1
Manganese	ppm	ASTM D5185(m)	1	2	3
Magnesium	ppm	ASTM D5185(m) 0	1	<1	<1
Calcium	ppm	ASTM D5185(m) 40	78	78	65
Phosphorus	ppm	ASTM D5185(m) 320	239	247	278
Zinc	ppm	ASTM D5185(m) 5	8	9	7
Sulfur	ppm	ASTM D5185(m) 1050	963	913	909
Lithium	ppm	ASTM D5185(m)	<1	<1	<1

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >20	8	8	7
Sodium	ppm	ASTM D5185(m)	11	12	10
Potassium	ppm	ASTM D5185(m) >20	7	6	6



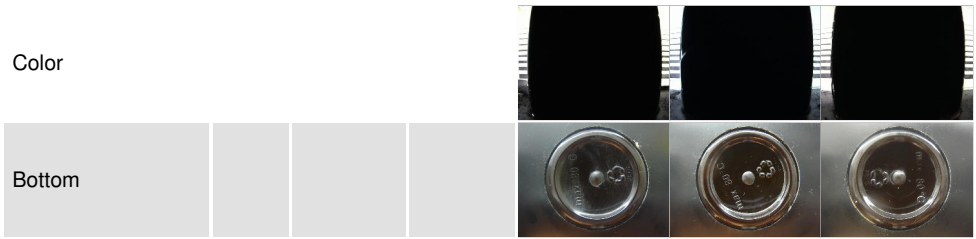
OIL ANALYSIS REPORT



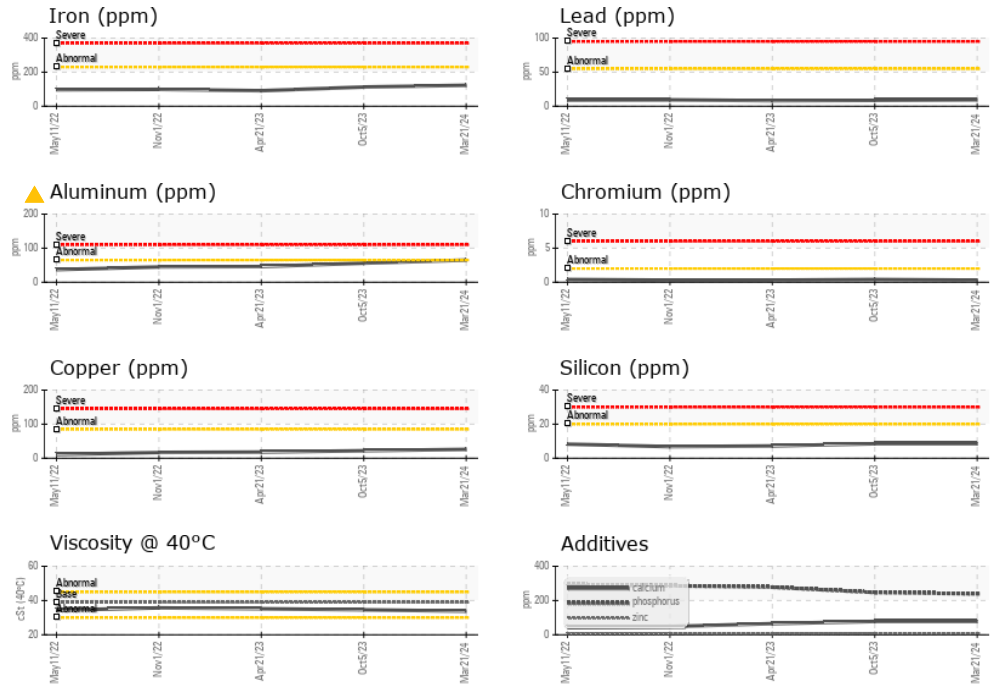
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	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)	38.9	33.8	34.6

SAMPLE IMAGES	method	limit/base	current	history1	history2
---------------	--------	------------	---------	----------	----------



GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 747 - GMA - Solid Waste**
Sample No. : GFL0107637 **Received** : 28 Mar 2024 **4 Chemin du Tremblay,**
Lab Number : 02625334 **Tested** : 28 Mar 2024 **Boucherville, QC**
Unique Number : 5750453 **Diagnosed** : 01 Apr 2024 - Kevin Marson **CA J4B 6Z5**
Test Package : MOB 1 **Contact:** Steve Voyer
svoyer@matrec.ca

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.