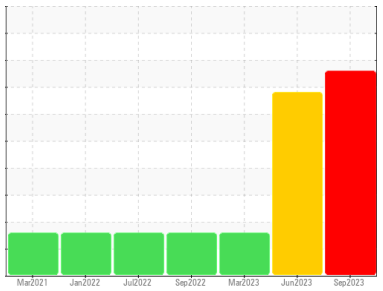
OIL ANALYSIS REPORT

Sample Rating Trend



WEAR

Machine Id
801244
Component
Transmission (Auto)
Fluid
DEXRON III (--- 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. 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. Usure de disque d`embrayage. Le bas indice ferreux (PQ) indique que l'usure ferreuse est due à de la corrosion.

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		**PC0078001**	PC0071824	PC0067997
Sample Date		Client Info		**13 Sep 2023**	19 Jun 2023	16 Mar 2023
Machine Age	kms	Client Info		**156608**	149255	136691
Oil Age	kms	Client Info		**0**	0	0
Oil Changed		Client Info		**N/A**	N/A	Not Changd
Sample Status				**SEVERE**	SEVERE	ABNORMAL

WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*	>50	**0**	0	3
Iron	ppm	ASTM D5185(m)	>160	▲ **261**	▲ 260	▲ 248
Chromium	ppm	ASTM D5185(m)	>5	**1**	1	<1
Nickel	ppm	ASTM D5185(m)	>5	**1**	<1	<1
Titanium	ppm	ASTM D5185(m)		**<1**	<1	<1
Silver	ppm	ASTM D5185(m)	>5	**0**	0	0
Aluminum	ppm	ASTM D5185(m)	>50	⬢ **96**	⬢ 97	▲ 84
Lead	ppm	ASTM D5185(m)	>50	▲ **53**	40	36
Copper	ppm	ASTM D5185(m)	>225	**39**	35	60
Tin	ppm	ASTM D5185(m)	>10	**9**	7	8
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

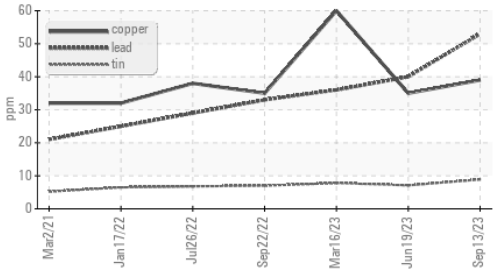
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		**64**	62	78
Barium	ppm	ASTM D5185(m)		**<1**	<1	0
Molybdenum	ppm	ASTM D5185(m)		**<1**	1	<1
Manganese	ppm	ASTM D5185(m)		**4**	4	4
Magnesium	ppm	ASTM D5185(m)		**3**	2	1
Calcium	ppm	ASTM D5185(m)		**49**	42	58
Phosphorus	ppm	ASTM D5185(m)		**284**	285	302
Zinc	ppm	ASTM D5185(m)		**27**	20	24
Sulfur	ppm	ASTM D5185(m)		**509**	519	654
Lithium	ppm	ASTM D5185(m)		**<1**	<1	<1

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	**16**	16	15
Sodium	ppm	ASTM D5185(m)		**25**	21	24
Potassium	ppm	ASTM D5185(m)	>20	**5**	6	4

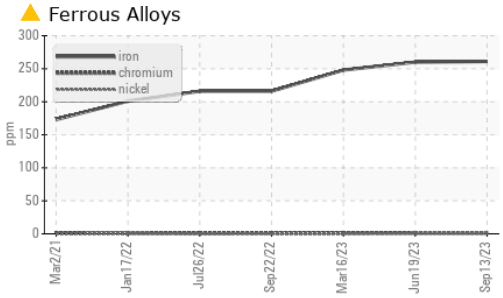
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	**NONE**	NONE	NONE
Precipitate	scalar	Visual*	NONE	**NONE**	NONE	NONE
Silt	scalar	Visual*	NONE	**NONE**	NONE	NONE
Debris	scalar	Visual*	NONE	**NONE**	NONE	NONE
Sand/Dirt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

OIL ANALYSIS REPORT

Non-ferrous Metals



Ferrous Alloys

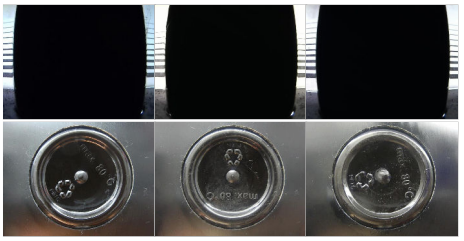


FLUID PROPERTIES

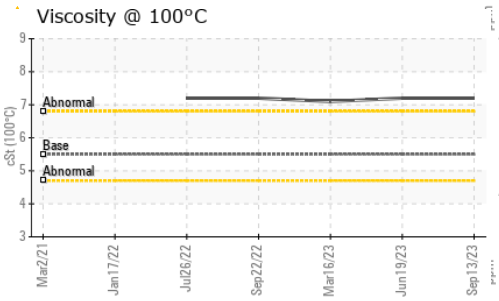
		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	26.0	**37.1**	36.5	36.6
Visc @ 100°C	cSt	ASTM D7279(m)	5.5	**7.2**	7.2	7.1
Viscosity Index (VI)	Scale	ASTM D2270*	155	**161**	165	160

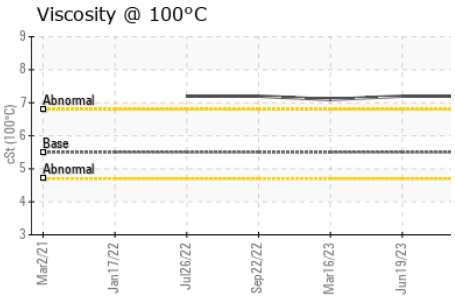
SAMPLE IMAGES

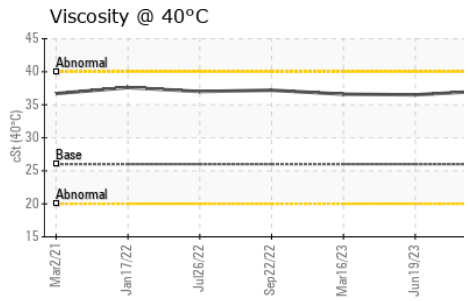
	method	limit/base	current	history1	history2
Color					
Bottom					

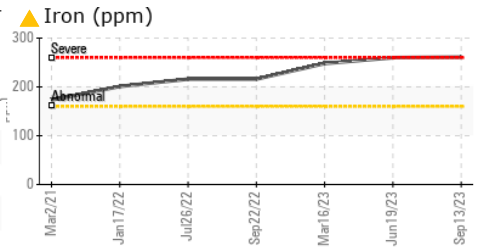


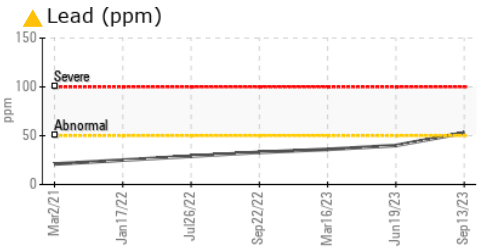
GRAPHS

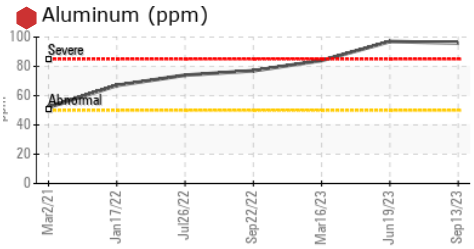


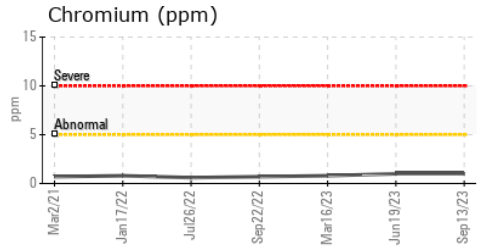


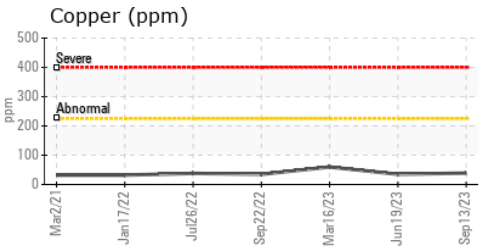


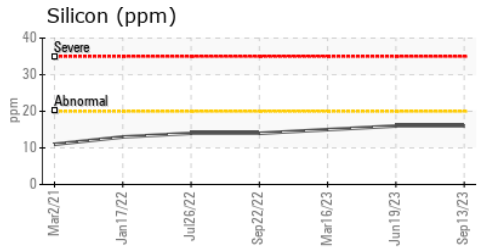


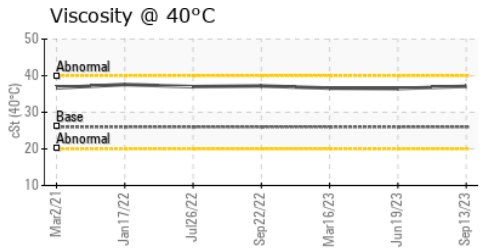


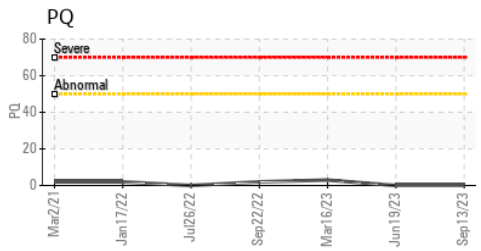












CALA Testing Accreditation No. 1005078
ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0078001
Lab Number : 02583207
Unique Number : 5644272
Test Package : MOB 1 (Additional Tests: KV100, PQ, VI)

Received : 18 Sep 2023
Diagnosed : 19 Sep 2023
Diagnostician : Bill Quesnel

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.

GFL Environmental - 737 - Quebec City Hauling
6205 Boul. Wilfrid Hamel,
Quebec City, QC
CA G2E 5G8
Contact: Dave Beaulieu
davebeaulieu@matrec.ca
T:
F: