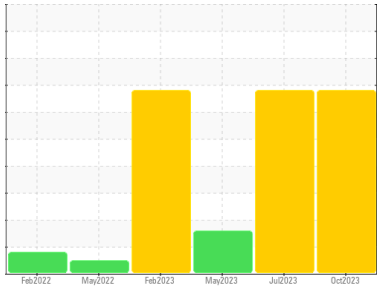
OIL ANALYSIS REPORT

Sample Rating Trend



WEAR

Machine Id
912074
Component
Transmission (Manual)
Fluid
NOT GIVEN (--- 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. Veuillez préciser la marque, le type et la viscosité de l`huile lors de votre prochain échantillon.

Wear

Il y a indication d'usure du convertisseur de couple. Usure de disque d`embrayage.

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		**PC0077965**	PC0077472	PC0073200
Sample Date		Client Info		**30 Oct 2023**	27 Jul 2023	04 May 2023
Machine Age	kms	Client Info		**86668**	74228	61313
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
Iron	ppm	ASTM D5185(m)	>200	**131**	123	91
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	0
Silver	ppm	ASTM D5185(m)	>7	**<1**	0	0
Aluminum	ppm	ASTM D5185(m)	>25	▲ **43**	▲ 39	▲ 35
Lead	ppm	ASTM D5185(m)	>45	⬢ **203**	⬢ 180	▲ 81
Copper	ppm	ASTM D5185(m)	>225	**131**	119	58
Tin	ppm	ASTM D5185(m)	>10	**8**	8	4
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

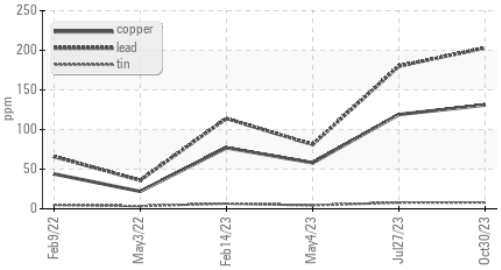
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		**110**	111	115
Barium	ppm	ASTM D5185(m)		**<1**	<1	0
Molybdenum	ppm	ASTM D5185(m)		**<1**	1	<1
Manganese	ppm	ASTM D5185(m)		**2**	3	2
Magnesium	ppm	ASTM D5185(m)		**4**	5	3
Calcium	ppm	ASTM D5185(m)		**147**	149	100
Phosphorus	ppm	ASTM D5185(m)		**395**	431	364
Zinc	ppm	ASTM D5185(m)		**10**	12	8
Sulfur	ppm	ASTM D5185(m)		**2301**	2422	1501
Lithium	ppm	ASTM D5185(m)		**<1**	<1	<1

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>125	**7**	7	7
Sodium	ppm	ASTM D5185(m)		**17**	18	12
Potassium	ppm	ASTM D5185(m)	>20	**10**	11	7

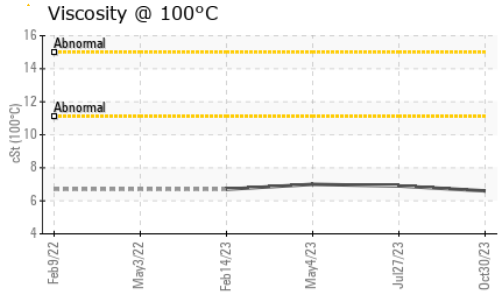
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	**NONE**	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	**NONE**	NONE	NONE
Precipitate	scalar	Visual*	NONE	**NONE**	NONE	NONE
Silt	scalar	Visual*	NONE	**NONE**	NONE	NONE
Debris	scalar	Visual*	NONE	**NONE**	NONE	NONE
Sand/Dirt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

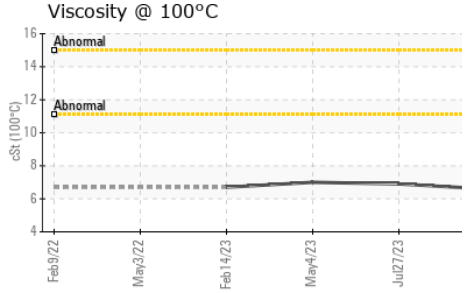
Non-ferrous Metals



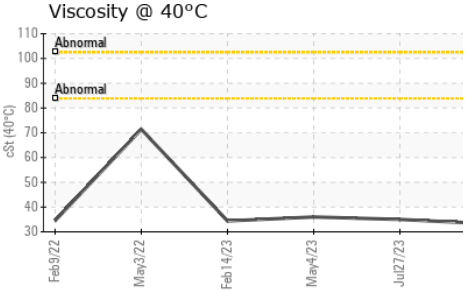
Viscosity @ 100°C



Viscosity @ 100°C



Viscosity @ 40°C

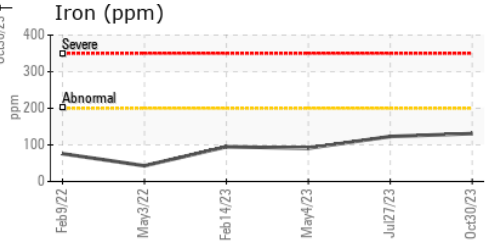


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)		**33.3**	35.0	36
Visc @ 100°C	cSt	ASTM D7279(m)		**6.6**	6.9	7
Viscosity Index (VI)	Scale	ASTM D2270*		**158**	161	159

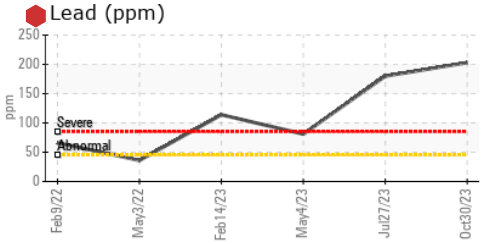
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

GRAPHS

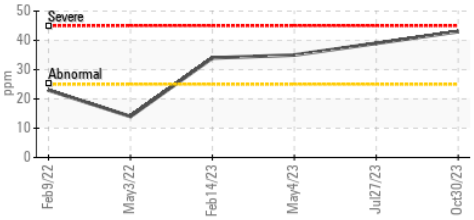
Iron (ppm)



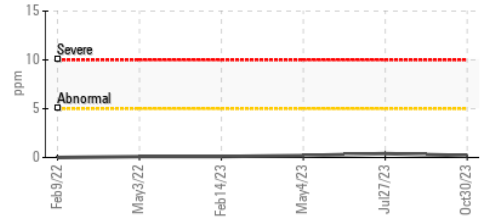
Lead (ppm)



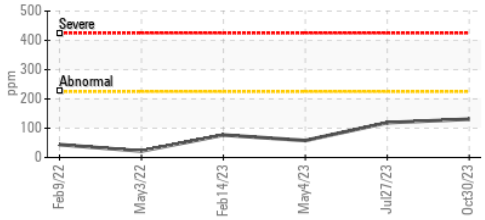
Aluminum (ppm)



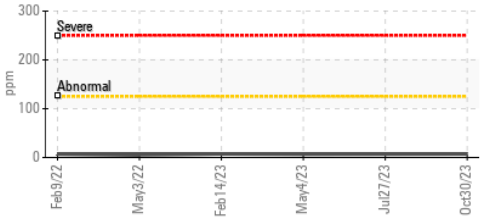
Chromium (ppm)



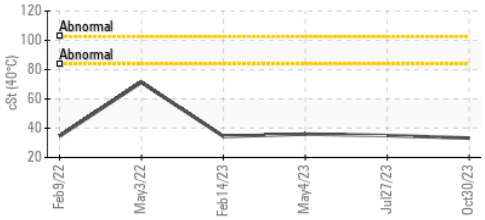
Copper (ppm)



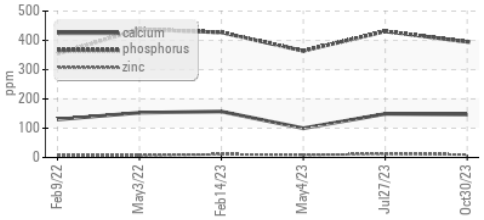
Silicon (ppm)



Viscosity @ 40°C



Additives



ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 737 - Quebec City Hauling**
Sample No. : PC0077965 **Received** : 01 Nov 2023
Lab Number : 02593312 **Diagnosed** : 02 Nov 2023
Unique Number : 5670391 **Diagnostician** : Kevin Marson
Test Package : MOB 1 (Additional Tests: KV100, VI)

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Quebec City, QC
CA G2E 5G8
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T:
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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.