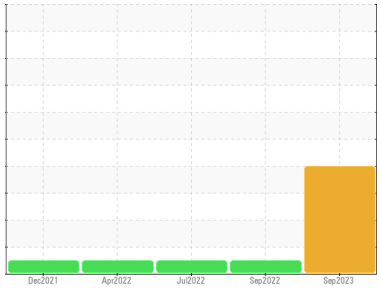
OIL ANALYSIS REPORT

Sample Rating Trend



ISO

Machine Id
801092
Component
Transmission (Auto)
Fluid
DEXRON III (--- GAL)

DIAGNOSIS

Recommendation

Vérifier les scelles et/ou les filters pour des points d'entrée des contaminants. Le reniflard d`air doit être réparé. S`il n`est pas classé, nous vous recommandons de le remplacer par un reniflard à air adapté au micron et / ou au dessicant. Si évalué, nous vous recommandons de réparer / remplacer le reniflard. Nous recommandons le remplacement des filtres de ce composant. Échantillonner de nouveau dans 30 à 45 jours afin de contrôler la situation.

Wear

Les taux d'usure de tous les composants sont normaux.

Contamination

Il y a une grande quantité de limon (particules de 4 à 14 microns) dans le fluide.

Fluid Condition

le fluide peut encore servir si la contamination peut être réduite à un niveau acceptable.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**PC0078098**	PC0064902	PC0040834
Sample Date		Client Info		**26 Sep 2023**	26 Sep 2022	28 Jul 2022
Machine Age	hrs	Client Info		**136804**	110783	105089
Oil Age	hrs	Client Info		**0**	0	0
Oil Changed		Client Info		**N/A**	N/A	N/A
Sample Status				**SEVERE**	NORMAL	NORMAL

WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*	>150	**0**	---	---
Iron	ppm	ASTM D5185(m)	>325	**197**	115	103
Chromium	ppm	ASTM D5185(m)	>2	**<1**	<1	<1
Nickel	ppm	ASTM D5185(m)	>2	**<1**	<1	<1
Titanium	ppm	ASTM D5185(m)	>3	**0**	<1	<1
Silver	ppm	ASTM D5185(m)	>5	**0**	0	0
Aluminum	ppm	ASTM D5185(m)	>75	**34**	29	26
Lead	ppm	ASTM D5185(m)	>40	**12**	11	10
Copper	ppm	ASTM D5185(m)	>50	**12**	20	14
Tin	ppm	ASTM D5185(m)	>10	**2**	2	2
Antimony	ppm	ASTM D5185(m)	>3	**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

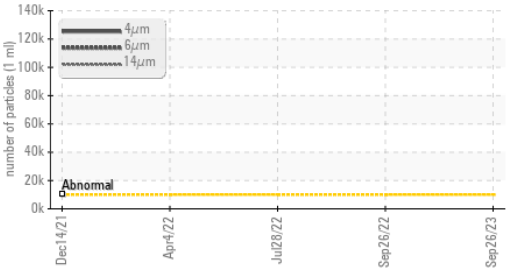
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)		**67**	94	86
Barium	ppm	ASTM D5185(m)		**<1**	0	0
Molybdenum	ppm	ASTM D5185(m)		**0**	<1	<1
Manganese	ppm	ASTM D5185(m)		**1**	1	1
Magnesium	ppm	ASTM D5185(m)		**1**	1	1
Calcium	ppm	ASTM D5185(m)		**112**	90	89
Phosphorus	ppm	ASTM D5185(m)		**224**	297	253
Zinc	ppm	ASTM D5185(m)		**12**	7	7
Sulfur	ppm	ASTM D5185(m)		**1205**	984	948
Lithium	ppm	ASTM D5185(m)		**<1**	<1	<1

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	**18**	11	10
Sodium	ppm	ASTM D5185(m)		**16**	31	33
Potassium	ppm	ASTM D5185(m)	>20	**2**	<1	2

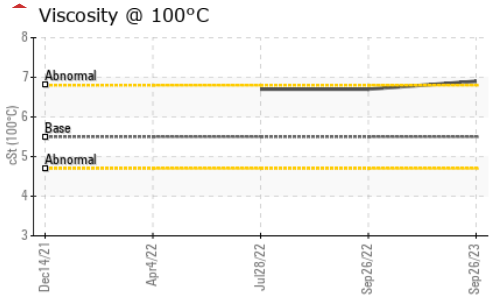
FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>10000	**135505**	---	---
Particles >6µm		ASTM D7647	>2500	**20856**	---	---
Particles >14µm		ASTM D7647	>320	**446**	---	---
Particles >21µm		ASTM D7647	>80	**100**	---	---
Particles >38µm		ASTM D7647	>20	**3**	---	---
Particles >71µm		ASTM D7647	>4	**0**	---	---
Oil Cleanliness		ISO 4406 (c)	>20/18/15	**24/22/16**	---	---

OIL ANALYSIS REPORT

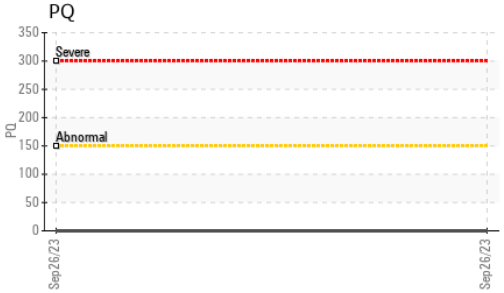
Particle Trend



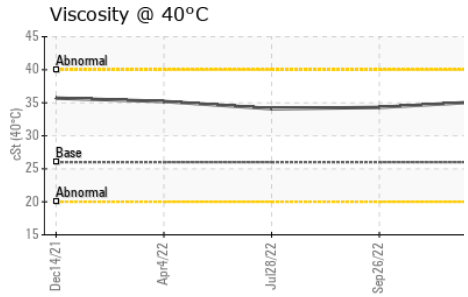
Viscosity @ 100°C



PQ



Viscosity @ 40°C

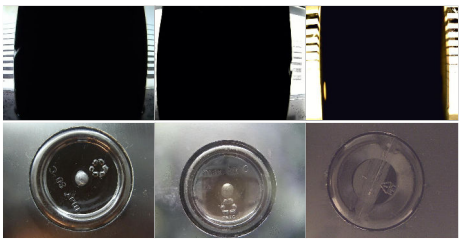


PQ

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	**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

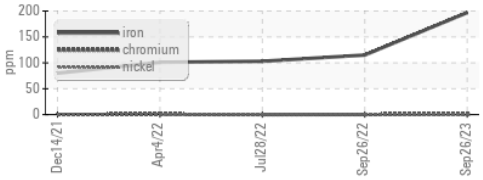
FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	26.0	**35.2**	34.3	34.1
Visc @ 100°C	cSt	ASTM D7279(m)	5.5	**6.9**	6.7	6.7
Viscosity Index (VI)	Scale	ASTM D2270*	155	**160**	156	157

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

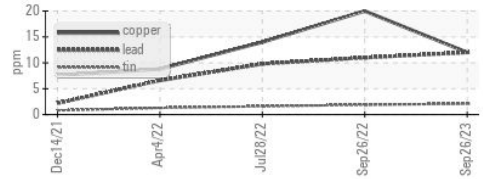


GRAPHS

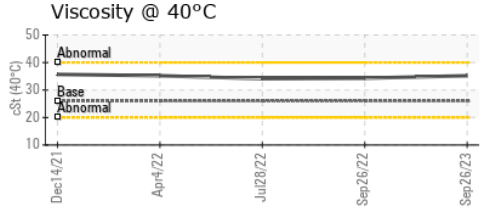
Ferrous Alloys



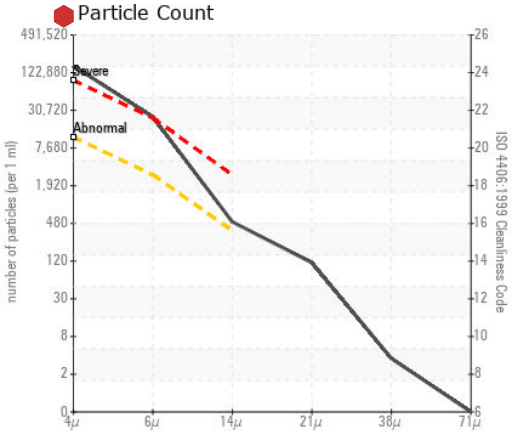
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



CALA
ISO 17025:2017 Accredited Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **GFL Environmental - 737 - Quebec City Hauling**
Sample No. : PC0078098 **Received** : 28 Sep 2023 6205 Boul. Wilfrid Hamel,
Lab Number : 02585894 **Diagnosed** : 02 Oct 2023 Quebec City, QC
Unique Number : 5654960 **Diagnostician** : Wes Davis CA G2E 5G8
Test Package : MOB 1 (Additional Tests: KV100, PQ, PrtCount, VI) Contact: Dave Beaulieu
davebeaulieu@matrec.ca
T:
F:

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.