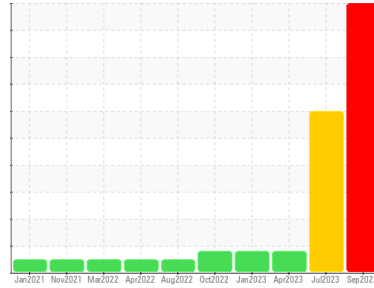




Machine Id  
**4689**  
Component  
**Transmission (Auto)**  
Fluid  
**DEXRON III (--- GAL)**



## 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 indiquent que ce fluide est du (GENERIC) DEXRON III. Veuillez confirmer.

**Wear**  
Usure des engrenages. Usure de disque d'embrayage. Le très haut indice ferreux (PQ) indique la présence d'une usure importante.

**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	<b>PC0078543</b>	PC0071802	PC0071844
Sample Date	Client Info	<b>20 Sep 2023</b>	03 Jul 2023	04 Apr 2023
Machine Age	hrs	<b>570543</b>	565150	552149
Oil Age	hrs	<b>0</b>	0	0
Oil Changed	Client Info	<b>Not Changed</b>	Not Changed	Not Changed
Sample Status		<b>SEVERE</b>	SEVERE	ABNORMAL

## WEAR METALS

method	limit/base	current	history1	history2
PQ	ASTM D8184* >50	<b>101</b>	23	22
Iron	ppm ASTM D5185(m) >160	<b>427</b>	289	201
Chromium	ppm ASTM D5185(m) >5	<b>&lt;1</b>	<1	<1
Nickel	ppm ASTM D5185(m) >5	<b>&lt;1</b>	0	<1
Titanium	ppm ASTM D5185(m)	<b>0</b>	0	0
Silver	ppm ASTM D5185(m) >5	<b>0</b>	0	0
Aluminum	ppm ASTM D5185(m) >50	<b>33</b>	27	24
Lead	ppm ASTM D5185(m) >50	<b>51</b>	42	21
Copper	ppm ASTM D5185(m) >225	<b>107</b>	98	74
Tin	ppm ASTM D5185(m) >10	<b>4</b>	3	3
Antimony	ppm ASTM D5185(m)	<b>0</b>	0	0
Vanadium	ppm ASTM D5185(m)	<b>0</b>	0	0
Beryllium	ppm ASTM D5185(m)	<b>0</b>	0	0
Cadmium	ppm ASTM D5185(m)	<b>0</b>	0	0

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m)	<b>161</b>	162	152
Barium	ppm ASTM D5185(m)	<b>0</b>	0	<1
Molybdenum	ppm ASTM D5185(m)	<b>0</b>	0	0
Manganese	ppm ASTM D5185(m)	<b>4</b>	2	2
Magnesium	ppm ASTM D5185(m)	<b>4</b>	5	3
Calcium	ppm ASTM D5185(m)	<b>113</b>	111	108
Phosphorus	ppm ASTM D5185(m)	<b>453</b>	434	455
Zinc	ppm ASTM D5185(m)	<b>63</b>	50	40
Sulfur	ppm ASTM D5185(m)	<b>2150</b>	2037	2655
Lithium	ppm ASTM D5185(m)	<b>&lt;1</b>	<1	<1

## CONTAMINANTS

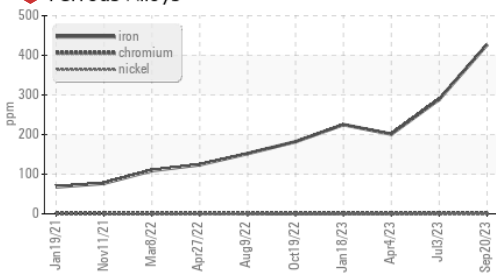
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >20	<b>11</b>	9	7
Sodium	ppm ASTM D5185(m)	<b>15</b>	13	12
Potassium	ppm ASTM D5185(m) >20	<b>2</b>	2	1

## VISUAL

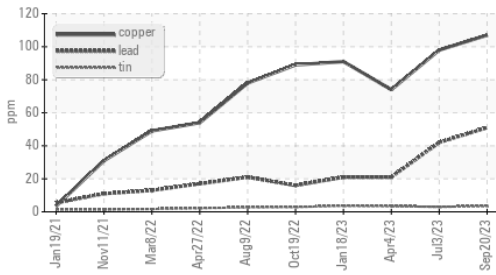
method	limit/base	current	history1	history2
White Metal	scalar Visual* NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar Visual* NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar Visual* NONE	<b>NONE</b>	NONE	NONE
Silt	scalar Visual* NONE	<b>NONE</b>	NONE	NONE
Debris	scalar Visual* NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar Visual* NONE	<b>NONE</b>	NONE	VLITE
Appearance	scalar Visual* NORML	<b>NORML</b>	NORML	NORML
Odor	scalar Visual* NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar Visual* >0.1	<b>NEG</b>	NEG	NEG
Free Water	scalar Visual*	<b>NEG</b>	NEG	NEG

# OIL ANALYSIS REPORT

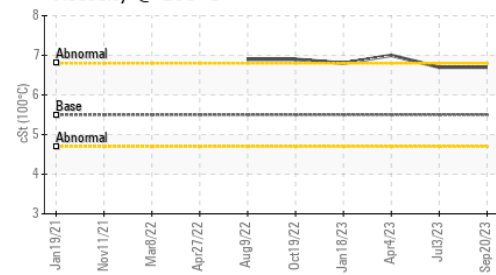
## Ferrous Alloys



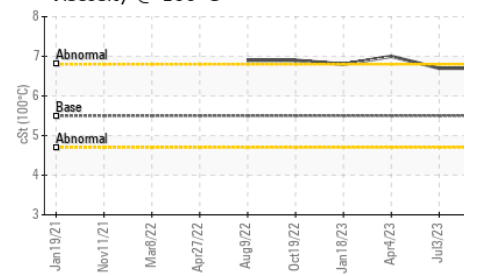
## Non-ferrous Metals



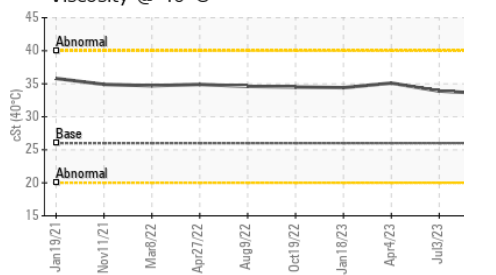
## Viscosity @ 100°C



## Viscosity @ 100°C



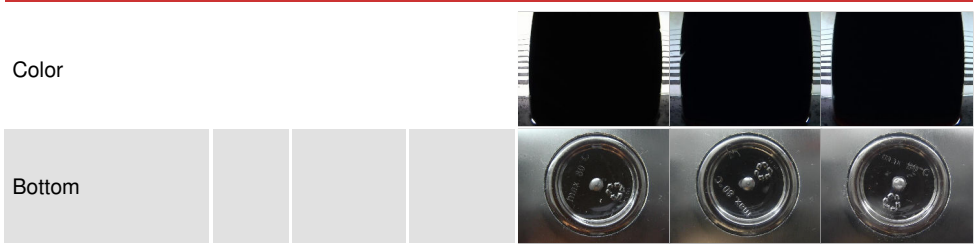
## Viscosity @ 40°C



## FLUID PROPERTIES

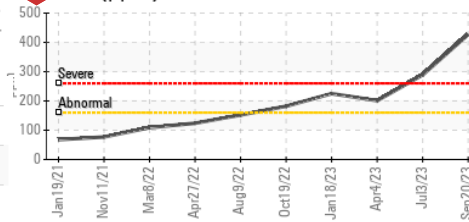
method	limit/base	current	history1	history2
Visc @ 40°C	cSt ASTM D7279(m)	26.0	33.9	35.1
Visc @ 100°C	cSt ASTM D7279(m)	5.5	6.7	7
Viscosity Index (VI)	Scale ASTM D2270*	155	158	165

## SAMPLE IMAGES

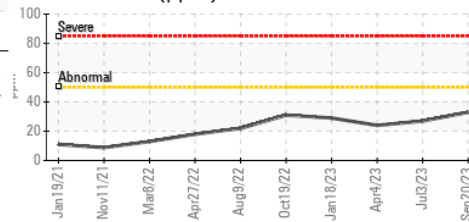


## GRAPHS

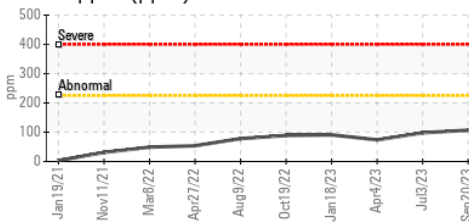
### Iron (ppm)



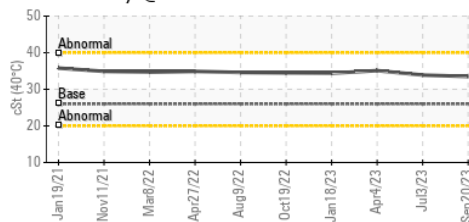
### Aluminum (ppm)



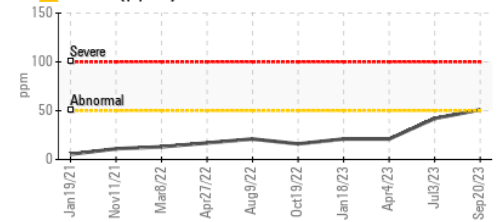
### Copper (ppm)



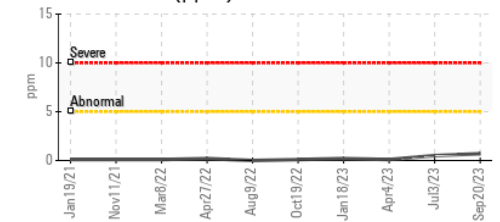
### Viscosity @ 40°C



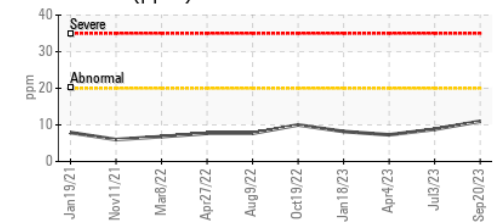
### Lead (ppm)



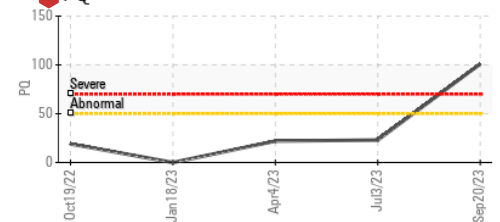
### Chromium (ppm)



### Silicon (ppm)



### PQ



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory Sample No.** : PC0078543  
**Lab Number** : 02584702  
**Unique Number** : 5645767  
**Test Package** : MOB 1 ( Additional Tests: KV100, PQ, VI )

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 737 - Quebec City Hauling  
: PC0078543 **Received** : 22 Sep 2023  
: 02584702 **Diagnosed** : 25 Sep 2023  
: 5645767 **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.

Contact: Dave Beaulieu  
davebeaulieu@matrec.ca

T:  
F: