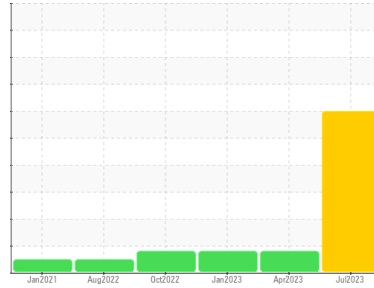




Machine Id  
**4689**  
Component  
**Transmission (Auto)**  
Fluid  
**DEXRON III (--- GAL)**



## 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**  
Le taux de fer est important. Usure des engrenages. 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 anormale et/ou sévère.

## SAMPLE INFORMATION

	method	limit/base	current	history 1	history 2
Sample Number	Client Info		<b>PC0071802</b>	PC0071844	PC0066850
Sample Date	Client Info		<b>03 Jul 2023</b>	04 Apr 2023	18 Jan 2023
Machine Age	hrs	Client Info	<b>565150</b>	552149	542661
Oil Age	hrs	Client Info	<b>0</b>	0	0
Oil Changed	Client Info		<b>Not Changed</b>	Not Changd	Not Changed
Sample Status			<b>SEVERE</b>	ABNORMAL	ABNORMAL

## WEAR METALS

	method	limit/base	current	history 1	history 2
PQ	ASTM D8184*	>50	<b>23</b>	22	0
Iron	ppm	ASTM D5185(m) >160	<b>289</b>	201	225
Chromium	ppm	ASTM D5185(m) >5	<b>&lt;1</b>	<1	<1
Nickel	ppm	ASTM D5185(m) >5	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185(m)	<b>0</b>	0	<1
Silver	ppm	ASTM D5185(m) >5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m) >50	<b>27</b>	24	29
Lead	ppm	ASTM D5185(m) >50	<b>42</b>	21	21
Copper	ppm	ASTM D5185(m) >225	<b>98</b>	74	91
Tin	ppm	ASTM D5185(m) >10	<b>3</b>	3	4
Antimony	ppm	ASTM D5185(m)	<b>0</b>	0	<1
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	history 1	history 2
Boron	ppm	ASTM D5185(m)	<b>162</b>	152	173
Barium	ppm	ASTM D5185(m)	<b>0</b>	<1	0
Molybdenum	ppm	ASTM D5185(m)	<b>0</b>	0	0
Manganese	ppm	ASTM D5185(m)	<b>2</b>	2	2
Magnesium	ppm	ASTM D5185(m)	<b>5</b>	3	3
Calcium	ppm	ASTM D5185(m)	<b>111</b>	108	108
Phosphorus	ppm	ASTM D5185(m)	<b>434</b>	455	467
Zinc	ppm	ASTM D5185(m)	<b>50</b>	40	46
Sulfur	ppm	ASTM D5185(m)	<b>2037</b>	2655	2104
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	<1

## CONTAMINANTS

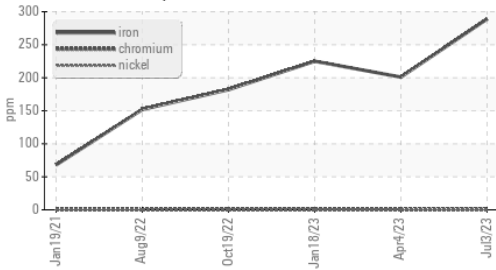
	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185(m) >20	<b>9</b>	7	8
Sodium	ppm	ASTM D5185(m)	<b>13</b>	12	14
Potassium	ppm	ASTM D5185(m) >20	<b>2</b>	1	2

## VISUAL

	method	limit/base	current	history 1	history 2
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	VLITE	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	NEG

# OIL ANALYSIS REPORT

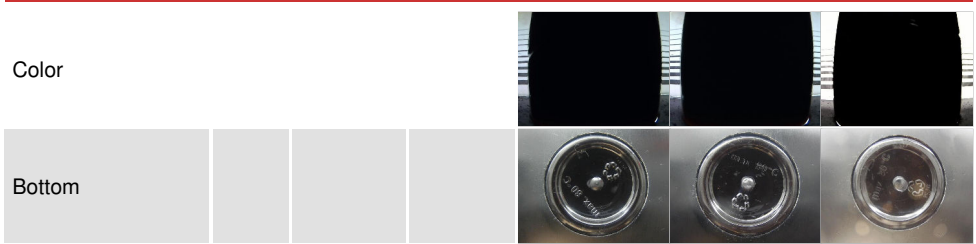
## Ferrous Alloys



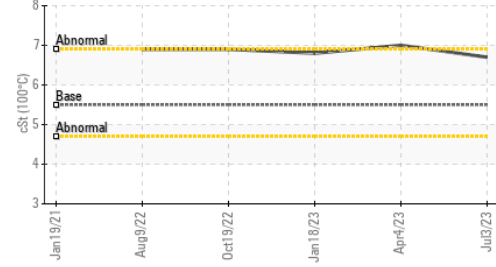
## FLUID PROPERTIES

method	limit/base	current	history 1	history 2	
Visc @ 40°C	cSt ASTM D7279(m)	26.0	33.9	35.1	34.4
Visc @ 100°C	cSt ASTM D7279(m)	5.5	6.7	7	6.8
Viscosity Index (VI)	Scale ASTM D2270*	155	158	165	160

## SAMPLE IMAGES

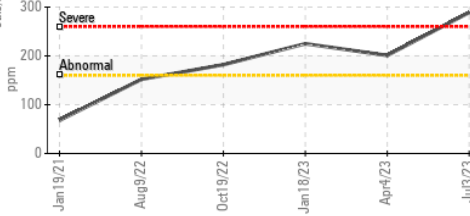


## Viscosity @ 100°C

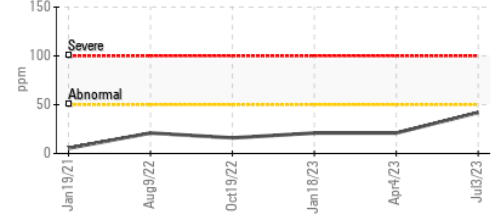


## GRAPHS

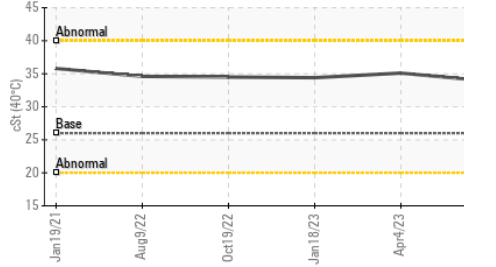
### Iron (ppm)



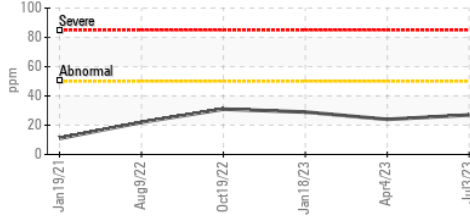
### Lead (ppm)



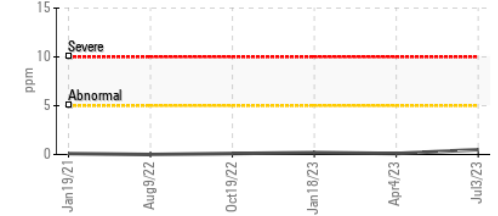
## Viscosity @ 40°C



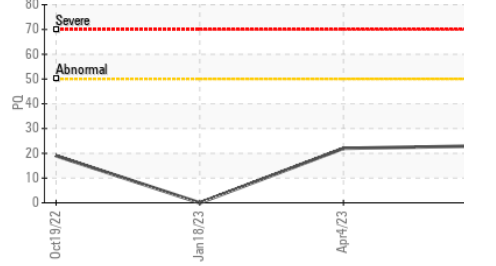
### Aluminum (ppm)



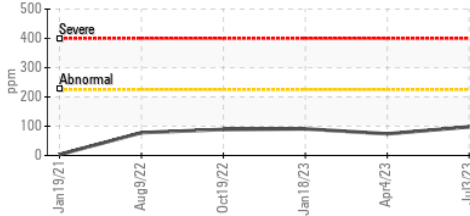
### Chromium (ppm)



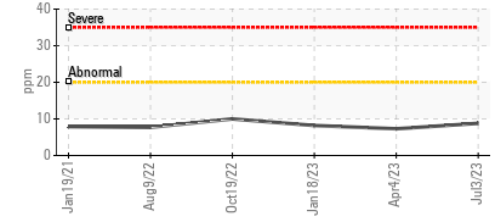
## PQ



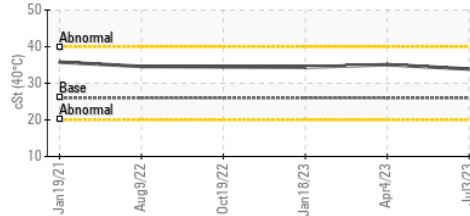
### Copper (ppm)



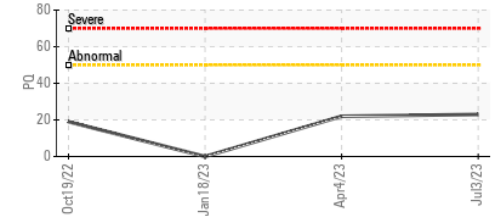
### Silicon (ppm)



### Viscosity @ 40°C



## PQ



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 737 - Quebec City Hauling  
**Sample No.** : PC0071802 **Received** : 06 Jul 2023  
**Lab Number** : 02568289 **Diagnosed** : 07 Jul 2023  
**Unique Number** : 5605335 **Diagnostician** : Kevin Marson  
**Test Package** : MOB 1 ( Additional Tests: KV100, PQ, VI )

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.

6205 Boul. Wilfrid Hamel,  
 Quebec City, QC  
 CA G2E 5G8  
 Contact: Dave Beaulieu  
 davebeaulieu@matrec.ca

T:  
 F: