



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>ABNORMAL</b>



Area  
**{UNASSIGNED}**  
Machine Id  
**401165**  
Component  
**Transmission (Auto)**  
Fluid  
**TES SYN 295 (--- GAL)**

**RECOMMENDATION**

Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

**WEAR**

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

**CONTAMINATION**

Il n'y a aucun indice de contamination dans le fluide.

**FLUID CONDITION**

La viscosité de l'échantillon se situe dans la portée de l'SAE 40; nous vous conseillons de vérifier. Ceci, en plus des niveaux d'additifs, indique que la marque ou le type d'huile ne correspond pas à ce qui a été signalé. L'état de le fluide est acceptable pour la durée de service.

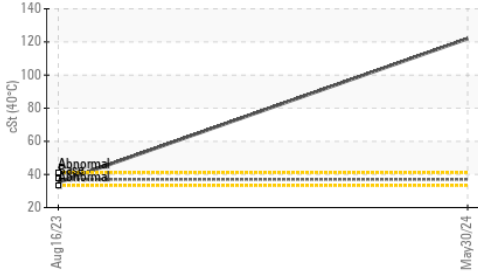
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0121275</b>	GFL0061579	---
Sample Date		Client Info		<b>30 May 2024</b>	16 Aug 2023	---
Machine Age	hrs	Client Info		<b>9109</b>	210048	---
Oil Age	hrs	Client Info		<b>1200</b>	0	---
Filter Age	hrs	Client Info		<b>1200</b>	0	---
Oil Changed		Client Info		<b>Changed</b>	N/A	---
Filter Changed		Client Info		<b>Changed</b>	N/A	---
Sample Status				<b>ABNORMAL</b>	ABNORMAL	---

Iron	ppm	ASTM D5185(m)	>220	<b>7</b>	61	---
Chromium	ppm	ASTM D5185(m)	>2	<b>0</b>	1	---
Nickel	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	<1	---
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m)	>75	<b>3</b>	26	---
Lead	ppm	ASTM D5185(m)	>95	<b>2</b>	6	---
Copper	ppm	ASTM D5185(m)	>60	<b>119</b>	216	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	VLITE	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	---

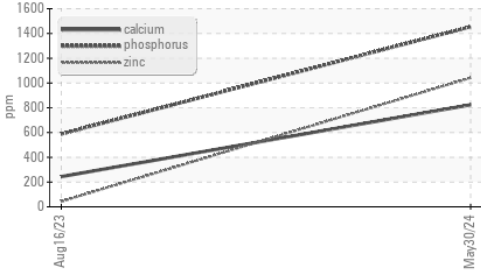
Silicon	ppm	ASTM D5185(m)	>25	<b>21</b>	▲ 58	---
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	1	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	VLITE	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	Visual*	NONE	<b>VLITE</b>	NONE	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	NEG	---

Sodium	ppm	ASTM D5185(m)		<1	7	---
Boron	ppm	ASTM D5185(m)	85	● <b>14</b>	200	---
Barium	ppm	ASTM D5185(m)	0	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185(m)	0	<b>0</b>	2	---
Manganese	ppm	ASTM D5185(m)	0	<b>1</b>	20	---
Magnesium	ppm	ASTM D5185(m)	1	● <b>85</b>	3	---
Calcium	ppm	ASTM D5185(m)	100	● <b>824</b>	244	---
Phosphorus	ppm	ASTM D5185(m)	200	● <b>1454</b>	588	---
Zinc	ppm	ASTM D5185(m)	0	● <b>1042</b>	43	---
Sulfur	ppm	ASTM D5185(m)	1500	● <b>2317</b>	2998	---
Visc @ 40°C	cSt	ASTM D7279(m)	37.0	▲ <b>122</b>	35.2	---

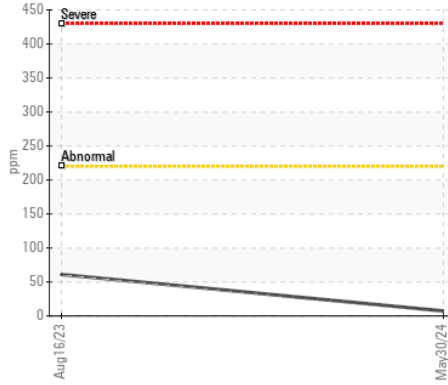
▲ Viscosity @ 40°C



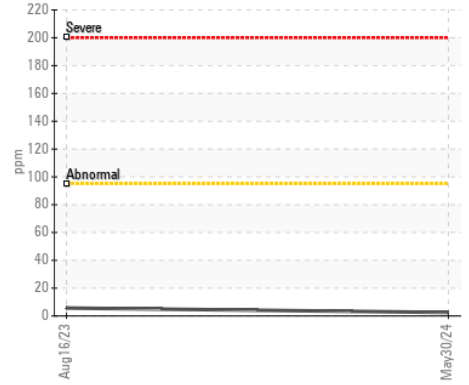
● Additives



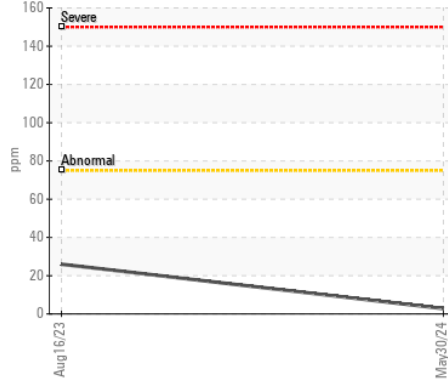
Iron (ppm)



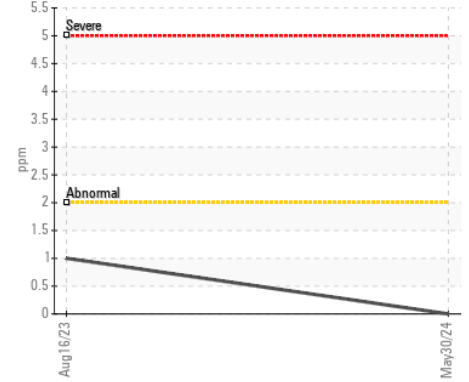
Lead (ppm)



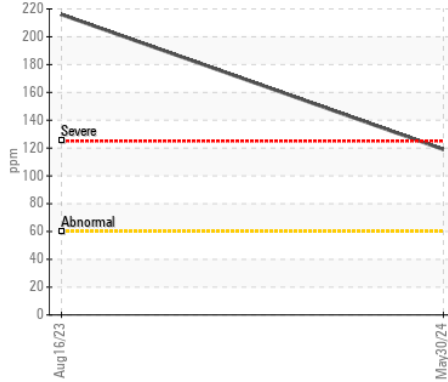
Aluminum (ppm)



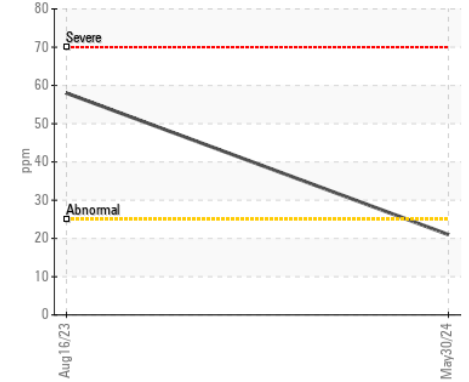
Chromium (ppm)



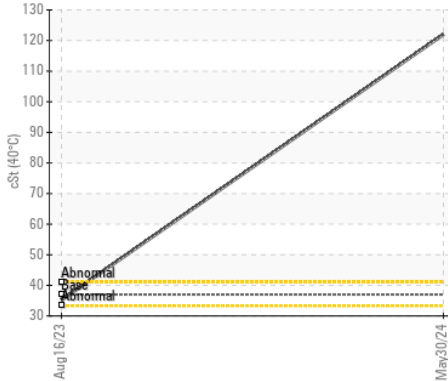
Copper (ppm)



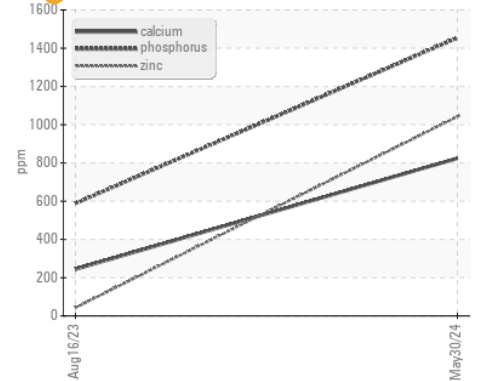
Silicon (ppm)



▲ Viscosity @ 40°C



● Additives



ISO 17025:2017  
Accredited  
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

Sample No. : GFL0121275

Lab Number : 02639449

Unique Number : 5788611

Test Package : MOB 1

Received : 03 Jun 2024

Tested : 03 Jun 2024

Diagnosed : 05 Jun 2024 - Kevin Marson

Matrec - 7S91F - Amqui

304-5 Boulevard St-Benoit Ouest

Amqui, QC

CA G5J 2G1

Contact: Michel Rose

michelrose@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.