



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
811025
Component
2 Differential
Fluid
GEAR OIL SAE 75W90 (--- GAL)

RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqua que ce fluide est du (GENERIC) GEAR OIL SAE 75W90. Veuillez confirmer.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0082208	---	---
Sample Date		Client Info		08 May 2024	---	---
Machine Age	hrs	Client Info		6318	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Chngd	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				NORMAL	---	---

WEAR

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

Iron	ppm	ASTM D5185(m)	>500	240	---	---
Chromium	ppm	ASTM D5185(m)	>10	2	---	---
Nickel	ppm	ASTM D5185(m)	>10	<1	---	---
Titanium	ppm	ASTM D5185(m)		<1	---	---
Silver	ppm	ASTM D5185(m)		0	---	---
Aluminum	ppm	ASTM D5185(m)	>25	6	---	---
Lead	ppm	ASTM D5185(m)	>25	<1	---	---
Copper	ppm	ASTM D5185(m)	>100	46	---	---
Tin	ppm	ASTM D5185(m)	>10	<1	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

CONTAMINATION

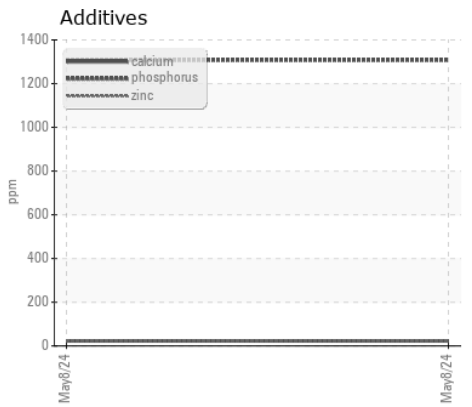
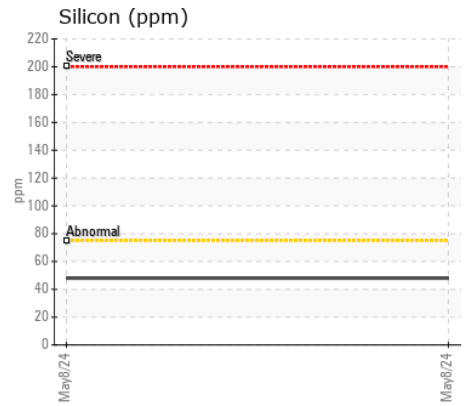
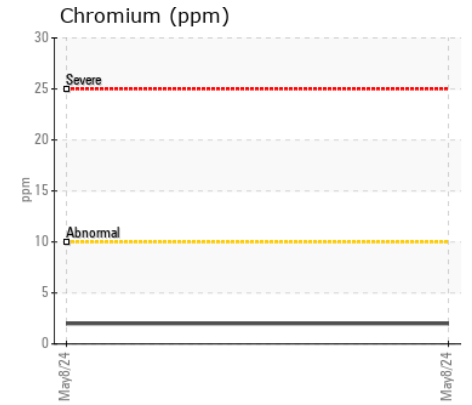
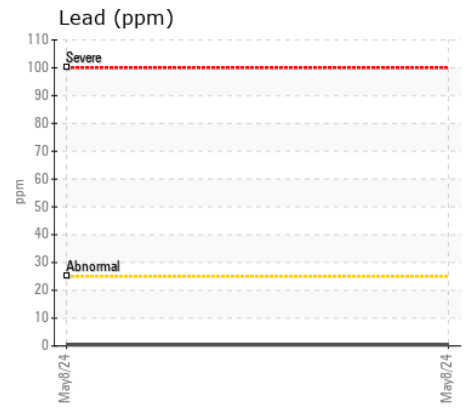
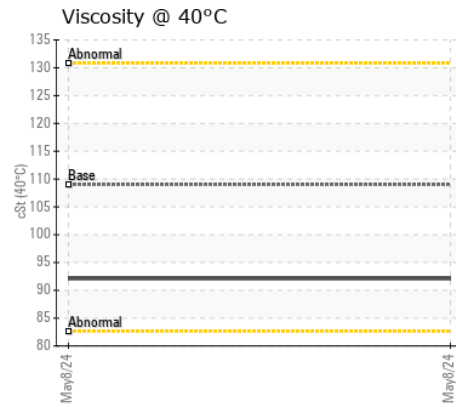
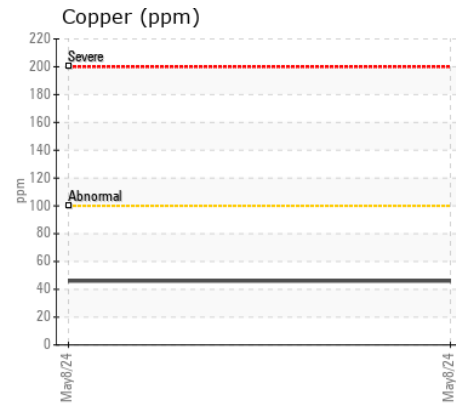
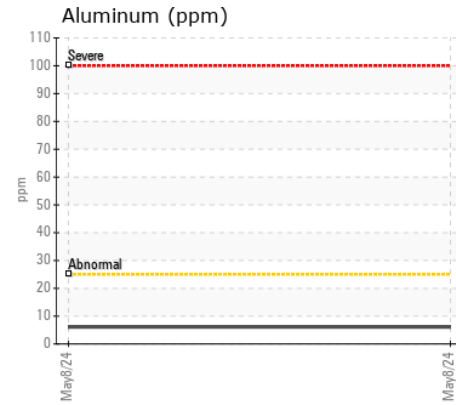
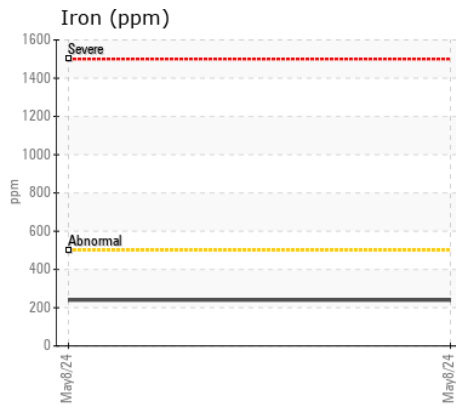
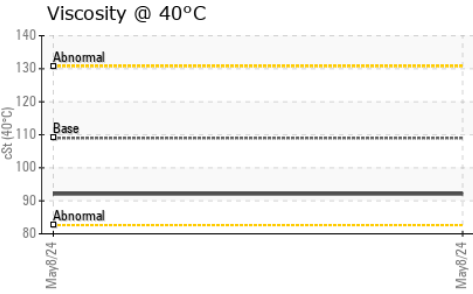
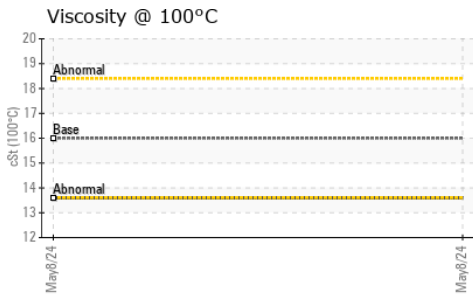
Il n'y a aucun indice de contamination dans l'huile.

Silicon	ppm	ASTM D5185(m)	>75	48	---	---
Potassium	ppm	ASTM D5185(m)	>20	2	---	---
Water		WC Method	>.2	NEG	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	VLITE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>.2	NEG	---	---

FLUID CONDITION

L'état de l'huile est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		11	---	---
Boron	ppm	ASTM D5185(m)	400	197	---	---
Barium	ppm	ASTM D5185(m)	200	8	---	---
Molybdenum	ppm	ASTM D5185(m)	12	0	---	---
Manganese	ppm	ASTM D5185(m)		9	---	---
Magnesium	ppm	ASTM D5185(m)	12	6	---	---
Calcium	ppm	ASTM D5185(m)	150	23	---	---
Phosphorus	ppm	ASTM D5185(m)	1650	1308	---	---
Zinc	ppm	ASTM D5185(m)	125	22	---	---
Sulfur	ppm	ASTM D5185(m)	22500	22208	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	109	92.1	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	16.0	13.6	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	157	149	---	---



ISO 17025:2017
Accredited
Laboratory

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

Sample No. : PC0082208

Lab Number : 02634670

Unique Number : 5775823

Test Package : MOB 1 (Additional Tests: KV100, VI)

Received : 10 May 2024

Tested : 10 May 2024

Diagnosed : 10 May 2024 - Wes Davis

GFL Environmental - 736 - Trois-Rivieres

2920 Bellefeuille,

Trois-Rivieres, QC

CA G9A 5R5

Contact: Jean Demontigny

jdemontigny@matrec.ca

T: (819)378-4881

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.