



Machine Id
824031
Component
1 Differential
Fluid
SAE 80W90 (--- GAL)

RECOMMENDATION

Nous vous recommandons de vidanger l'huile 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.

WEAR

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 l'huile.

FLUID CONDITION

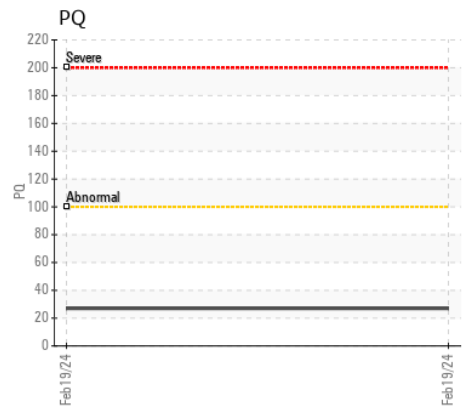
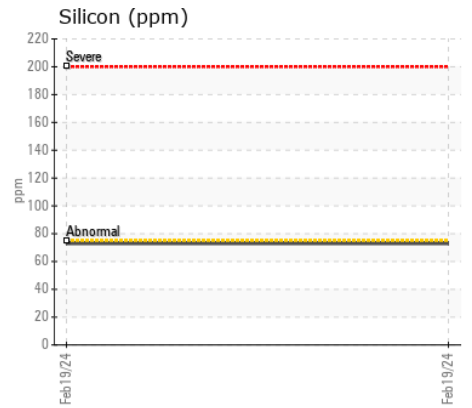
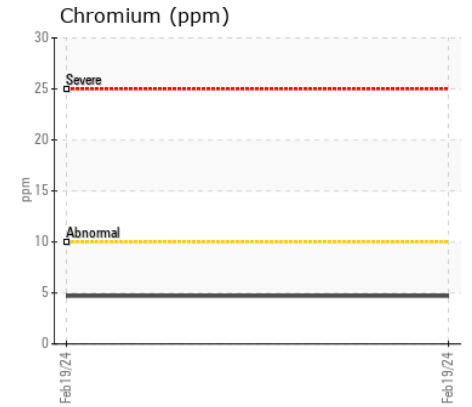
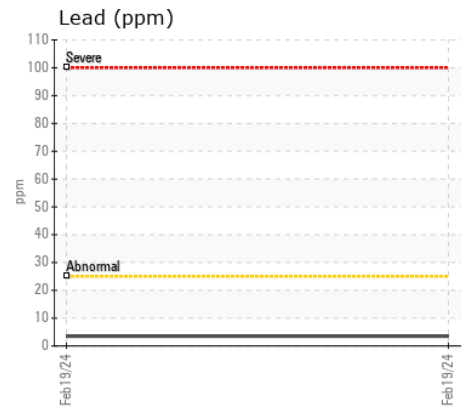
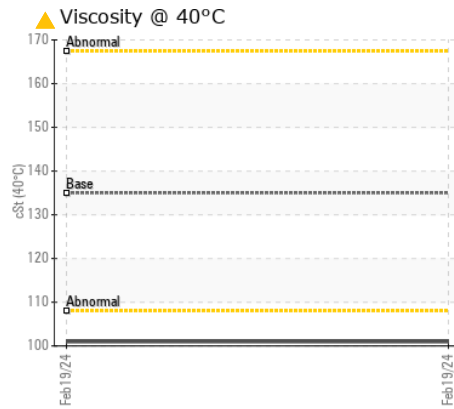
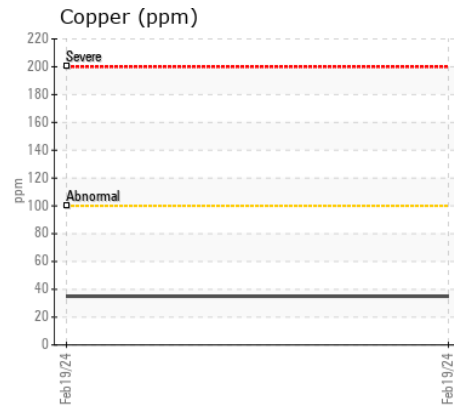
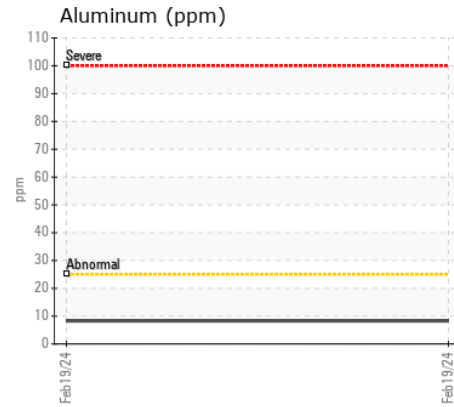
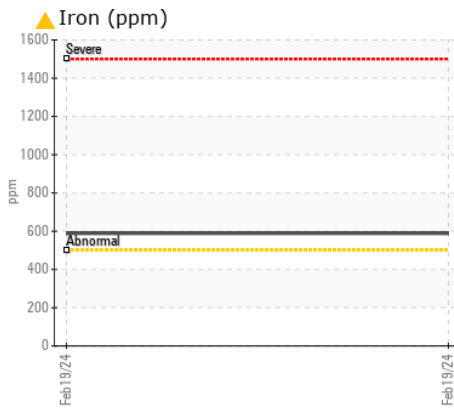
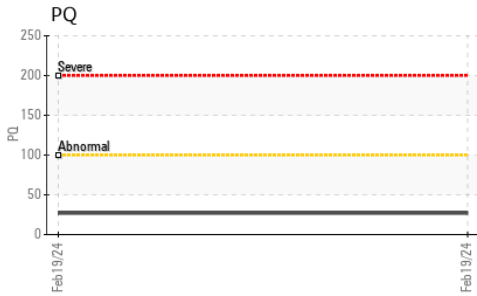
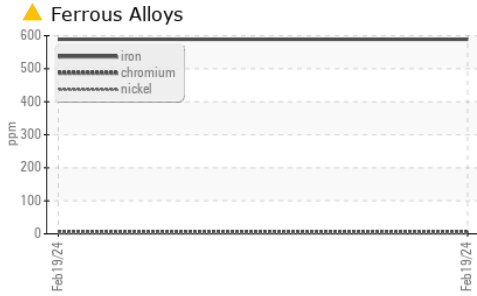
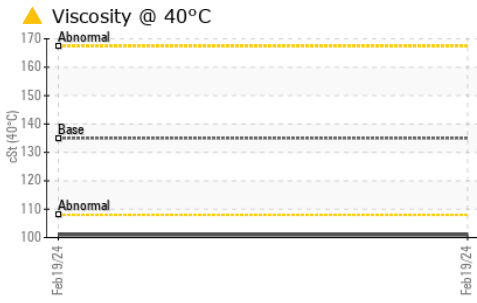
La viscosité de l'échantillon se situe dans la portée de l'SAE 75W90; nous vous conseillons de vérifier. l'huile n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0113465	---	---
Sample Date		Client Info		19 Feb 2024	---	---
Machine Age	kms	Client Info		326999	---	---
Oil Age	kms	Client Info		0	---	---
Filter Age	kms	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		Not Changd	---	---
Sample Status				ABNORMAL	---	---

PQ		ASTM D8184*		27	---	---
Iron	ppm	ASTM D5185(m)	>500	▲ 589	---	---
Chromium	ppm	ASTM D5185(m)	>10	5	---	---
Nickel	ppm	ASTM D5185(m)	>10	1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)		0	---	---
Aluminum	ppm	ASTM D5185(m)	>25	8	---	---
Lead	ppm	ASTM D5185(m)	>25	4	---	---
Copper	ppm	ASTM D5185(m)	>100	35	---	---
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	---	---

Silicon	ppm	ASTM D5185(m)	>75	73	---	---
Potassium	ppm	ASTM D5185(m)	>20	6	---	---
Water		WC Method	>.2	NEG	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>.2	NEG	---	---

Sodium	ppm	ASTM D5185(m)	>50	84	---	---
Boron	ppm	ASTM D5185(m)	200	234	---	---
Barium	ppm	ASTM D5185(m)	0	2	---	---
Molybdenum	ppm	ASTM D5185(m)	0	<1	---	---
Manganese	ppm	ASTM D5185(m)		11	---	---
Magnesium	ppm	ASTM D5185(m)	0	7	---	---
Calcium	ppm	ASTM D5185(m)	20	54	---	---
Phosphorus	ppm	ASTM D5185(m)	1000	1236	---	---
Zinc	ppm	ASTM D5185(m)	20	54	---	---
Sulfur	ppm	ASTM D5185(m)	22000	20191	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	135	▲ 101	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0113465 **Received** : 26 Feb 2024
Lab Number : 02618126 **Tested** : 27 Feb 2024
Unique Number : 5735236 **Diagnosed** : 27 Feb 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: PQ)

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.

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