



Machine Id
EX0259

Component
Right Planetary

Fluid
GEAR OIL SAE 75W90 (--- GAL)

RECOMMENDATION

Nous vous recommandons de vérifier tous les endroits par lesquels de la saleté peut pénétrer dans le système. 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. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqu que ce fluide est du (GENERIC) GEAR OIL SAE 75W90. Veuillez confirmer.

WEAR

Usure des engrenages. Usure de palier. Le haut indice ferreux (PQ) indique la présence d'une usure anormale.

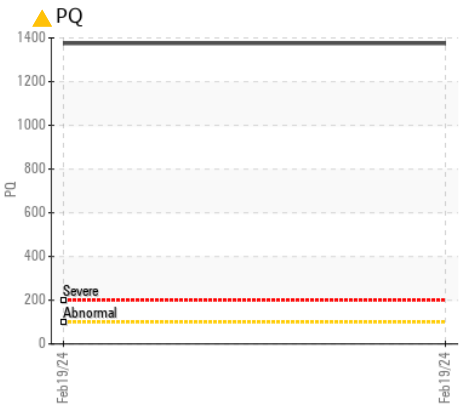
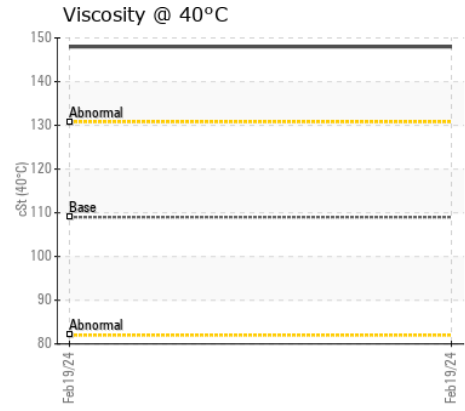
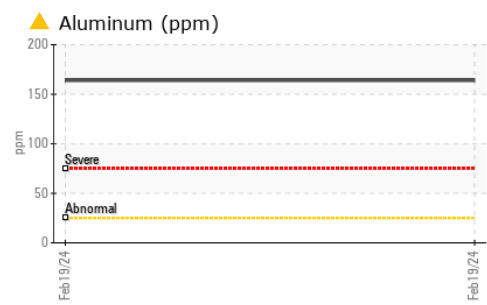
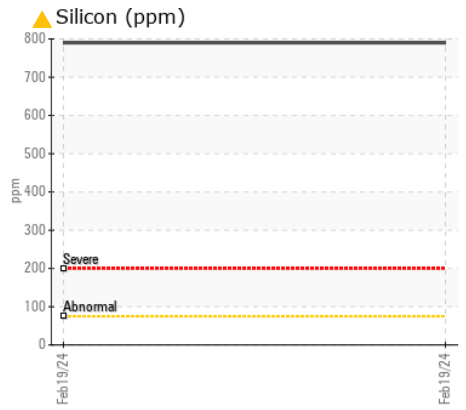
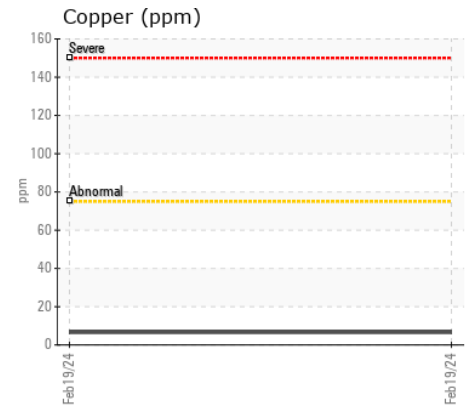
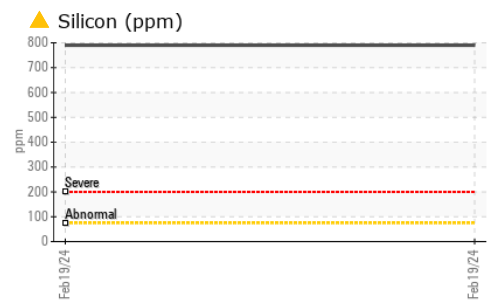
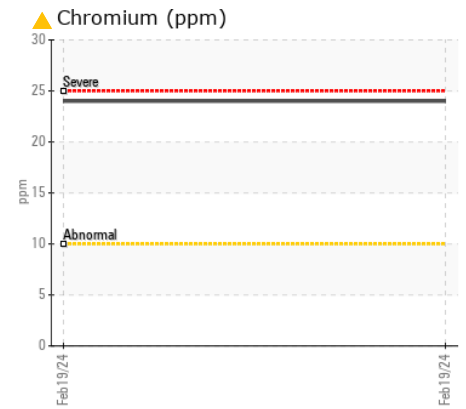
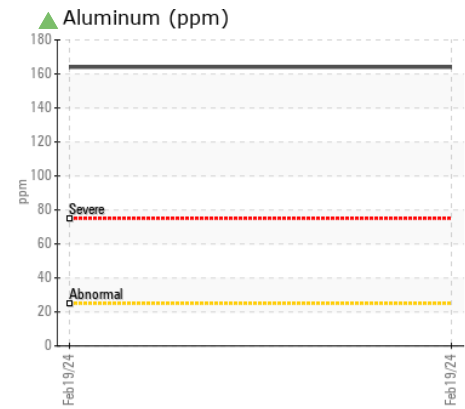
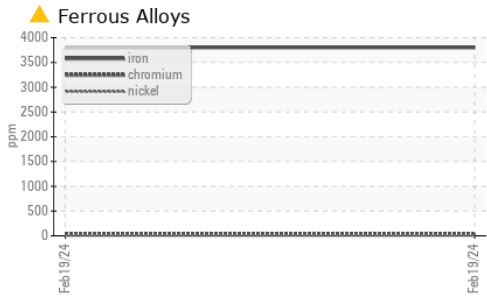
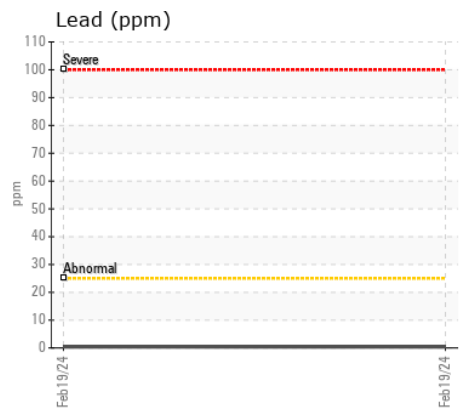
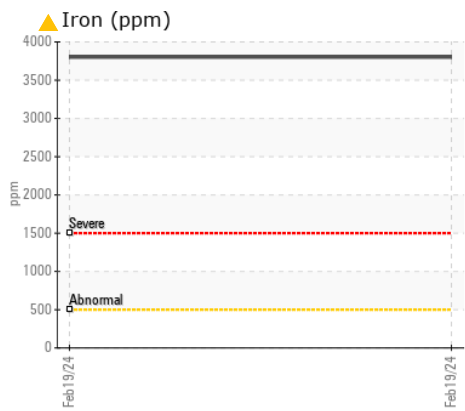
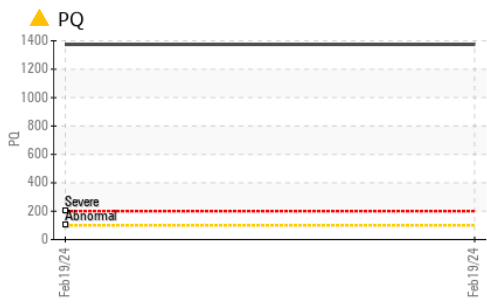
CONTAMINATION

Les niveaux élémentaires de silicone (Si) et d'aluminium (Al) indiquent l'infiltration d'alumine-silicate (grosses particules de poussière). Une grande quantité de saleté a provoqué une usure abrasive du composant.

FLUID CONDITION

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		GFL0107442	---	---
Sample Date		Client Info		19 Feb 2024	---	---
Machine Age	kms	Client Info		8342	---	---
Oil Age	kms	Client Info		2000	---	---
Filter Age	kms	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				ABNORMAL	---	---
PQ		ASTM D8184*		▲ 1375	---	---
Iron	ppm	ASTM D5185(m)	>500	▲ 3802	---	---
Chromium	ppm	ASTM D5185(m)	>10	▲ 24	---	---
Nickel	ppm	ASTM D5185(m)	>10	6	---	---
Titanium	ppm	ASTM D5185(m)		7	---	---
Silver	ppm	ASTM D5185(m)		0	---	---
Aluminum	ppm	ASTM D5185(m)	>25	▲ 164	---	---
Lead	ppm	ASTM D5185(m)	>25	<1	---	---
Copper	ppm	ASTM D5185(m)	>75	7	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	VLITE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Silicon	ppm	ASTM D5185(m)	>75	▲ 790	---	---
Potassium	ppm	ASTM D5185(m)	>20	55	---	---
Water		WC Method	>0.2	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*	>0.2	NEG	---	---
Sodium	ppm	ASTM D5185(m)		60	---	---
Boron	ppm	ASTM D5185(m)	400	13	---	---
Barium	ppm	ASTM D5185(m)	200	0	---	---
Molybdenum	ppm	ASTM D5185(m)	12	2	---	---
Manganese	ppm	ASTM D5185(m)		27	---	---
Magnesium	ppm	ASTM D5185(m)	12	39	---	---
Calcium	ppm	ASTM D5185(m)	150	179	---	---
Phosphorus	ppm	ASTM D5185(m)	1650	695	---	---
Zinc	ppm	ASTM D5185(m)	125	67	---	---
Sulfur	ppm	ASTM D5185(m)	22500	18009	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	109	148	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0107442 **Received** : 22 Feb 2024
Lab Number : 02617494 **Tested** : 23 Feb 2024
Unique Number : 5734604 **Diagnosed** : 23 Feb 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: PQ)

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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.