

Area
(L913871)
Machine Id
WESTERN STAR 829119
Component
Transmission (Auto)
Fluid
SHELL SPIRAX S6 ATF (--- 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 le fluide de ce composant si vous ne l'avez pas déjà fait. Confirmez la source du lubrifiant utilisé pour l'appoint/remplissage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

WEAR

Usure des engrenages. Le bas indice ferreux (PQ) indique que l'usure ferreuse est due à de la corrosion.

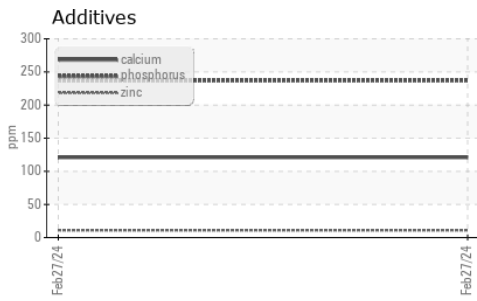
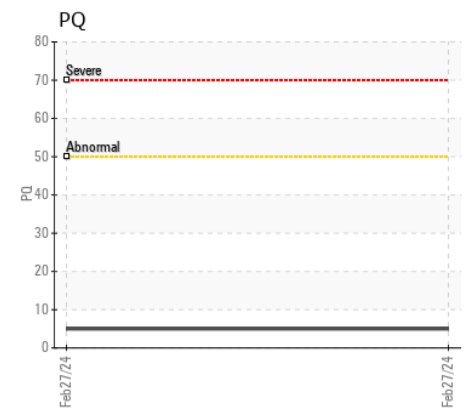
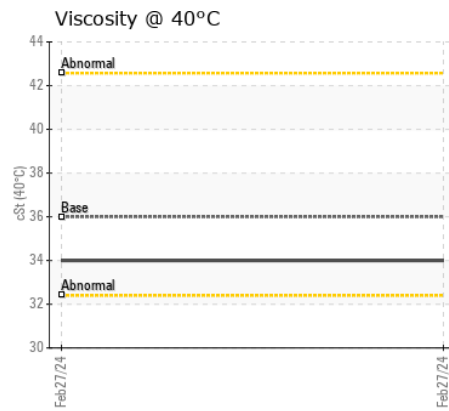
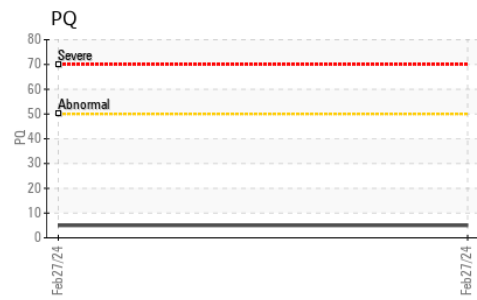
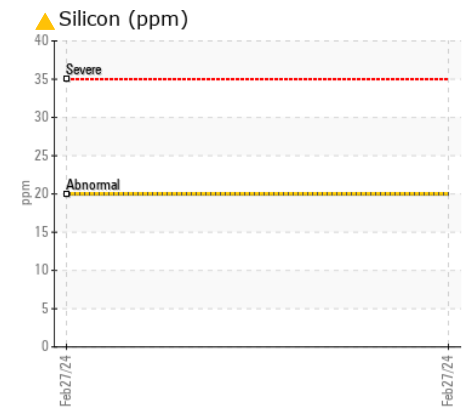
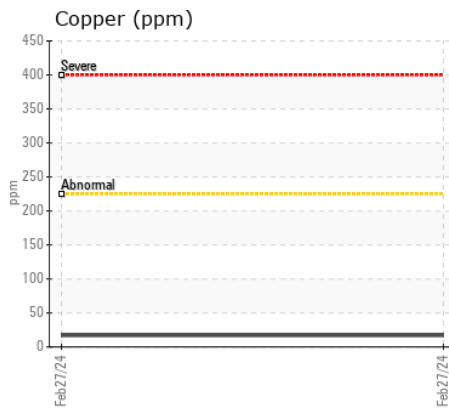
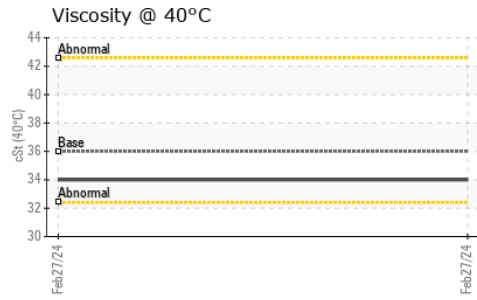
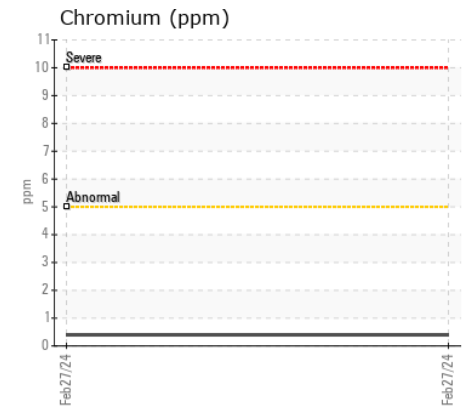
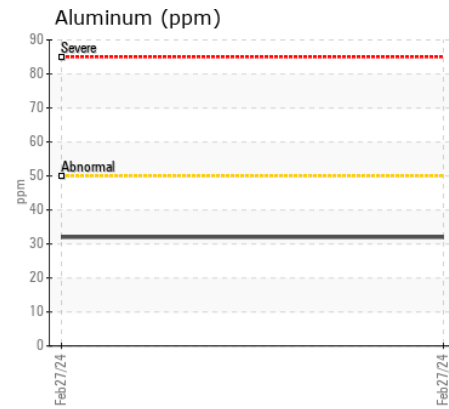
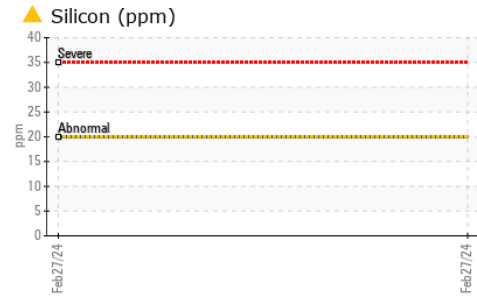
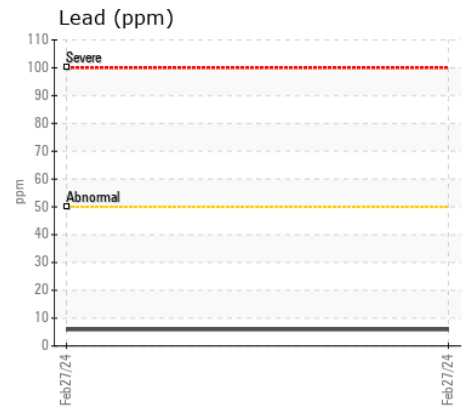
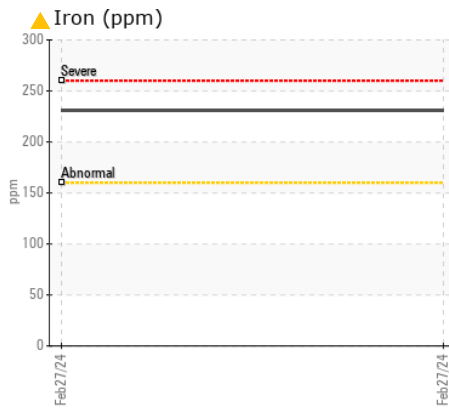
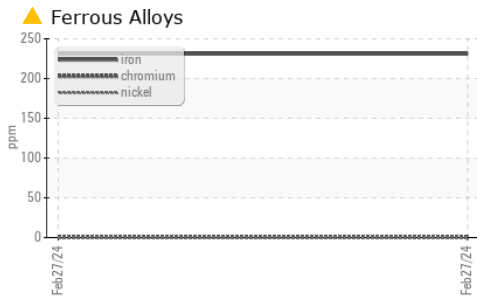
CONTAMINATION

Concentration modérée de saleté dans le fluide. Une grande quantité de saleté a provoqué une usure abrasive du composant.

FLUID CONDITION

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. le fluide 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		GFL0081620	---	---
Sample Date		Client Info		27 Feb 2024	---	---
Machine Age	hrs	Client Info		11443	---	---
Oil Age	hrs	Client Info		2780	---	---
Filter Age	hrs	Client Info		2780	---	---
Oil Changed		Client Info		Not Chngd	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				ABNORMAL	---	---
PQ		ASTM D8184*	>50	5	---	---
Iron	ppm	ASTM D5185(m)	>160	▲ 231	---	---
Chromium	ppm	ASTM D5185(m)	>5	<1	---	---
Nickel	ppm	ASTM D5185(m)	>5	<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>5	0	---	---
Aluminum	ppm	ASTM D5185(m)	>50	32	---	---
Lead	ppm	ASTM D5185(m)	>50	6	---	---
Copper	ppm	ASTM D5185(m)	>225	17	---	---
Tin	ppm	ASTM D5185(m)	>10	2	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Silicon	ppm	ASTM D5185(m)	>20	▲ 20	---	---
Potassium	ppm	ASTM D5185(m)	>20	2	---	---
Water		WC Method	>0.1	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*	>0.1	NEG	---	---
Sodium	ppm	ASTM D5185(m)		5	---	---
Boron	ppm	ASTM D5185(m)		73	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		0	---	---
Manganese	ppm	ASTM D5185(m)		1	---	---
Magnesium	ppm	ASTM D5185(m)		1	---	---
Calcium	ppm	ASTM D5185(m)		121	---	---
Phosphorus	ppm	ASTM D5185(m)		237	---	---
Zinc	ppm	ASTM D5185(m)		11	---	---
Sulfur	ppm	ASTM D5185(m)		1419	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	36	34.0	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0081620 **Received** : 29 Feb 2024
Lab Number : 02618995 **Tested** : 29 Feb 2024
Unique Number : 5736105 **Diagnosed** : 29 Feb 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: PQ)

GFL Environmental - 774
 169 Route 117
 Mont-Tremblant, QC
 CA J8E 1A1
 Contact: Stephane Filteau
 sfilteau@matrec.ca

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.

T:
F: