



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

OIL ANALYSIS REPORT

WEAR
CONTAMINATION
FLUID CONDITION

ABNORMAL
SEVERE
NORMAL

Area
[7100226301]

Machine Id
6511461374

Component
Transmission (Auto)

Fluid
CASTROL TRANSYND (--- GAL)

RECOMMENDATION

Nous vous recommandons de vérifier la source de la fuite de fluide de refroidissement. 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. Nous vous recommandons de rincer complètement le composant avant de le remplir le fluide. 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.

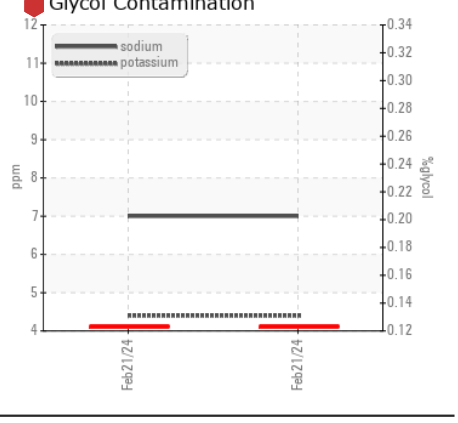
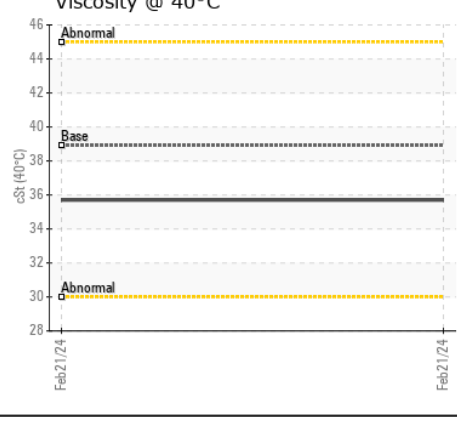
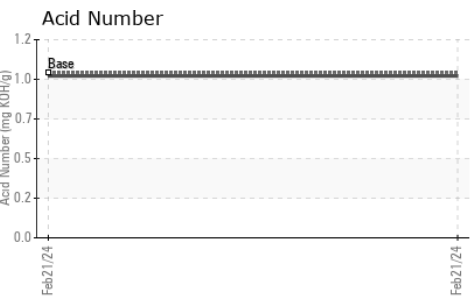
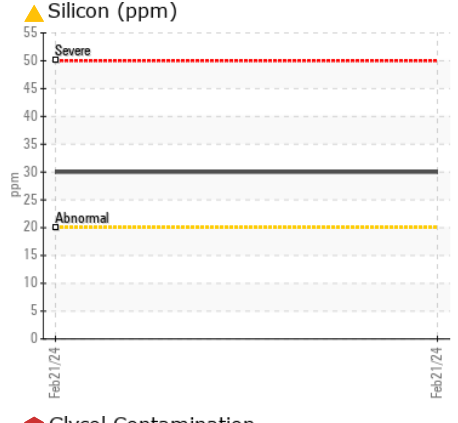
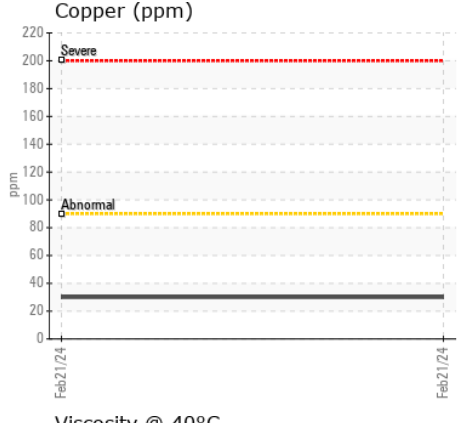
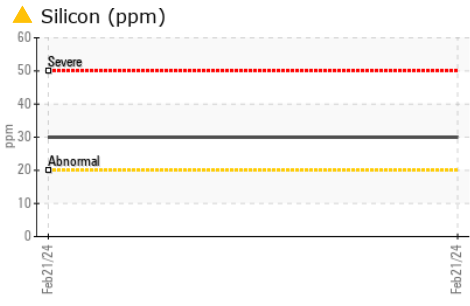
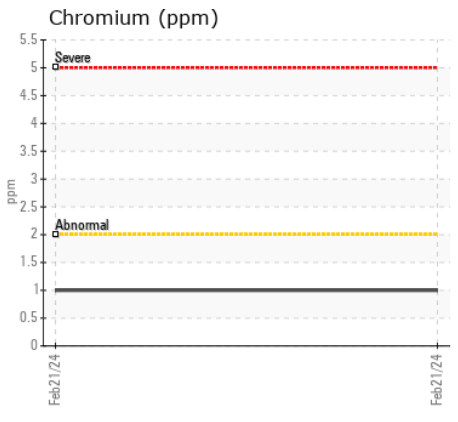
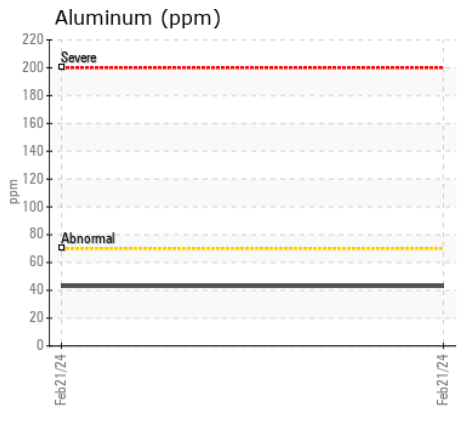
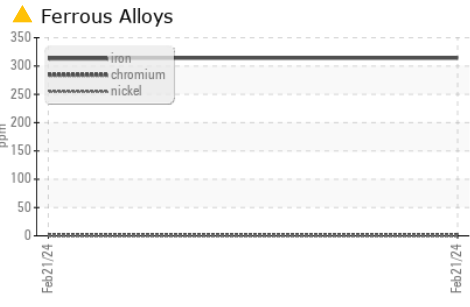
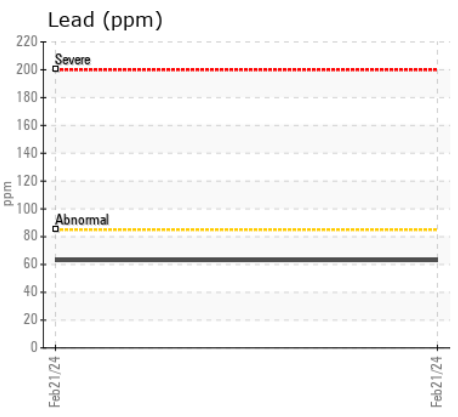
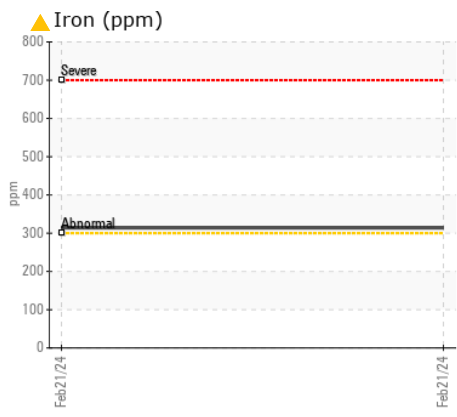
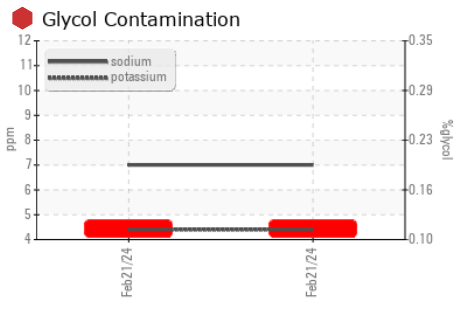
CONTAMINATION

Le test de glycol est positif. Concentration élevée de glycol dans le fluide. Concentration modérée d'eau dans le fluide. Concentration modérée de saleté dans le fluide. Une grande quantité de saleté a provoqué une usure abrasive du composant.

FLUID CONDITION

Le AN est acceptable pour ce fluide. 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		WA0020773	---	---
Sample Date		Client Info		21 Feb 2024	---	---
Machine Age	kms	Client Info		212871	---	---
Oil Age	kms	Client Info		0	---	---
Filter Age	kms	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				SEVERE	---	---
PQ		ASTM D8184*	>100	38	---	---
Iron	ppm	ASTM D5185(m)	>300	▲ 314	---	---
Chromium	ppm	ASTM D5185(m)	>2	1	---	---
Nickel	ppm	ASTM D5185(m)	>4	<1	---	---
Titanium	ppm	ASTM D5185(m)	>3	0	---	---
Silver	ppm	ASTM D5185(m)	>5	0	---	---
Aluminum	ppm	ASTM D5185(m)	>70	43	---	---
Lead	ppm	ASTM D5185(m)	>85	63	---	---
Copper	ppm	ASTM D5185(m)	>90	30	---	---
Tin	ppm	ASTM D5185(m)	>10	5	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Silicon	ppm	ASTM D5185(m)	>20	▲ 30	---	---
Potassium	ppm	ASTM D5185(m)	>20	4	---	---
Water	%	ASTM D6304*	>0.1	NEG	---	---
Glycol	%	ASTM D7922*		● 0.124	---	---
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*	>0.1	▲ .5%	---	---
Sodium	ppm	ASTM D5185(m)		7	---	---
Boron	ppm	ASTM D5185(m)	150	87	---	---
Barium	ppm	ASTM D5185(m)	0	0	---	---
Molybdenum	ppm	ASTM D5185(m)	0	0	---	---
Manganese	ppm	ASTM D5185(m)		2	---	---
Magnesium	ppm	ASTM D5185(m)	0	1	---	---
Calcium	ppm	ASTM D5185(m)	40	74	---	---
Phosphorus	ppm	ASTM D5185(m)	320	294	---	---
Zinc	ppm	ASTM D5185(m)	5	6	---	---
Sulfur	ppm	ASTM D5185(m)	1050	934	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*	1.0	0.98	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	38.9	35.7	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0020773 **Received** : 22 Feb 2024
Lab Number : 02617447 **Tested** : 26 Feb 2024
Unique Number : 5734557 **Diagnosed** : 26 Feb 2024 - Kevin Marson
Test Package : MOB 2 (Additional Tests: Glycol, KF, 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.