



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

OIL ANALYSIS REPORT

WEAR	SEVERE
CONTAMINATION	SEVERE
FLUID CONDITION	ATTENTION

Area
[6100320175]
Machine Id
6511676981
Component
Transmission (Auto)
Fluid
TES SYN 295 (--- GAL)

RECOMMENDATION

Nous vous recommandons de vérifier la source de la fuite de fluide de refroidissement. 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. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

WEAR

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

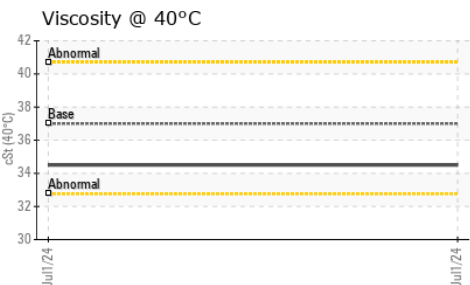
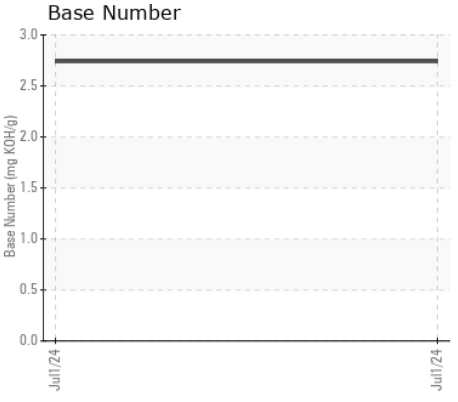
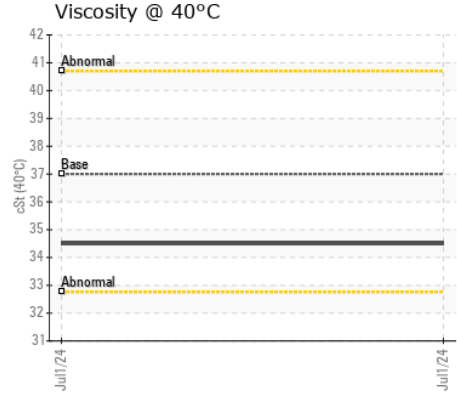
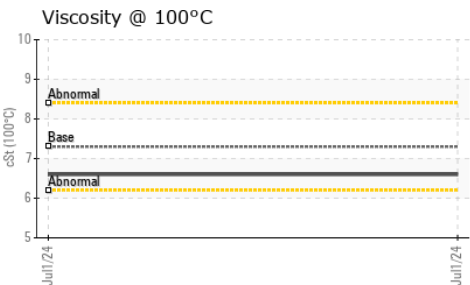
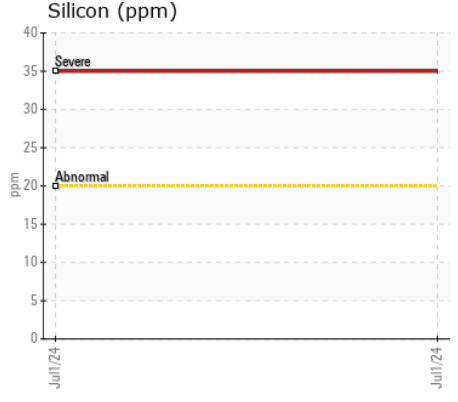
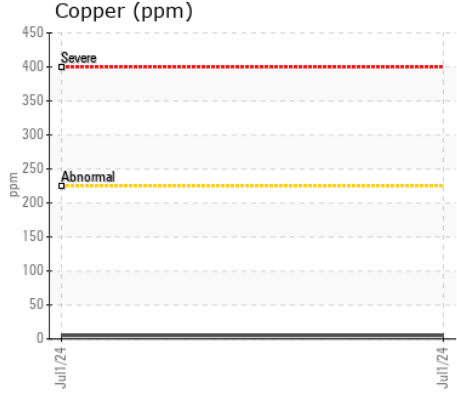
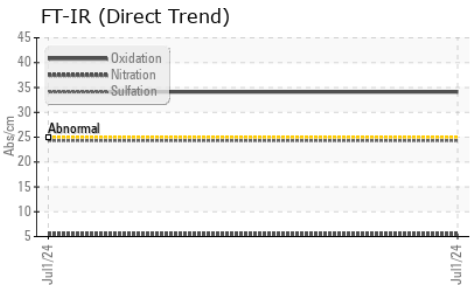
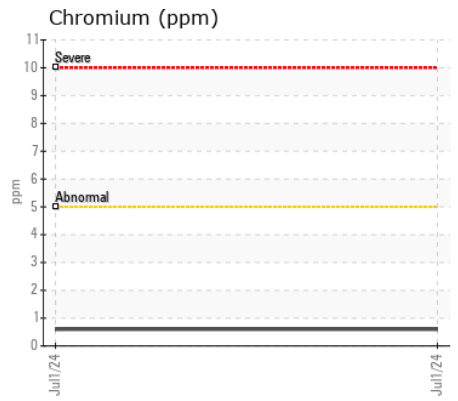
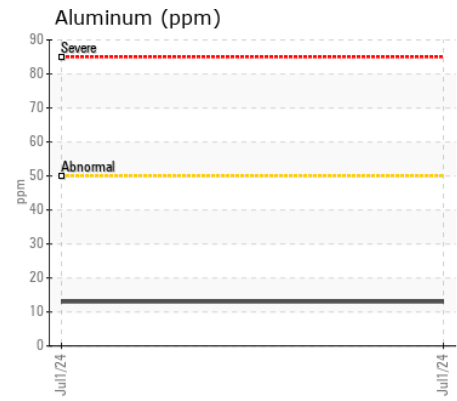
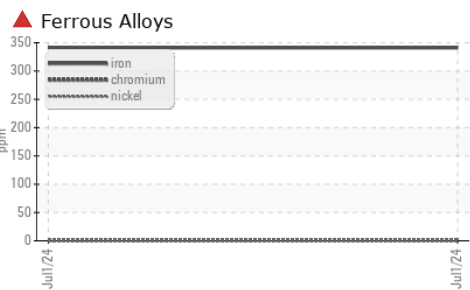
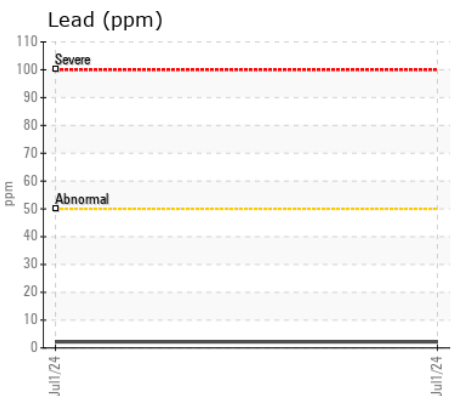
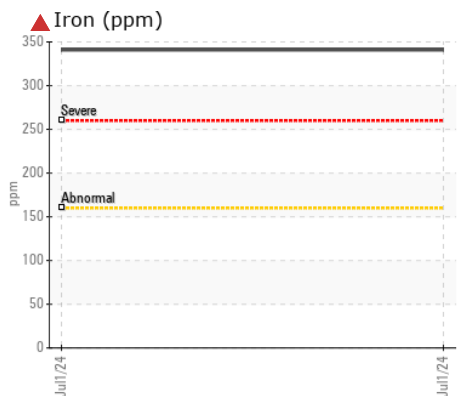
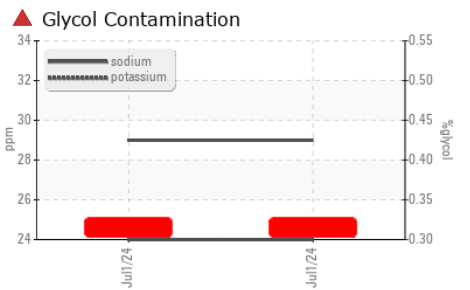
CONTAMINATION

Le test de glycol est positif. Concentration élevée de glycol dans le fluide.

FLUID CONDITION

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		WA0021401	---	---
Sample Date		Client Info		01 Jul 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				SEVERE	---	---
PQ		ASTM D8184*	>50	0	---	---
Iron	ppm	ASTM D5185(m)	>160	▲ 341	---	---
Chromium	ppm	ASTM D5185(m)	>5	<1	---	---
Nickel	ppm	ASTM D5185(m)	>5	1	---	---
Titanium	ppm	ASTM D5185(m)		<1	---	---
Silver	ppm	ASTM D5185(m)	>5	0	---	---
Aluminum	ppm	ASTM D5185(m)	>50	13	---	---
Lead	ppm	ASTM D5185(m)	>50	2	---	---
Copper	ppm	ASTM D5185(m)	>225	5	---	---
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)	>20	35	---	---
Potassium	ppm	ASTM D5185(m)	>20	▲ 24	---	---
Water		WC Method	>0.1	NEG	---	---
Glycol	%	ASTM D7922*		▲ 0.327	---	---
Soot %	%	ASTM D7844*		0	---	---
Nitration	Abs/cm	ASTM D7624*		5.5	---	---
Sulfation	Abs/.1mm	ASTM D7415*		24.3	---	---
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)		● 29	---	---
Boron	ppm	ASTM D5185(m)	85	17	---	---
Barium	ppm	ASTM D5185(m)	0	0	---	---
Molybdenum	ppm	ASTM D5185(m)	0	<1	---	---
Manganese	ppm	ASTM D5185(m)	0	3	---	---
Magnesium	ppm	ASTM D5185(m)	1	4	---	---
Calcium	ppm	ASTM D5185(m)	100	93	---	---
Phosphorus	ppm	ASTM D5185(m)	200	165	---	---
Zinc	ppm	ASTM D5185(m)	0	142	---	---
Sulfur	ppm	ASTM D5185(m)	1500	1687	---	---
Oxidation	Abs/.1mm	ASTM D7414*		34.1	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*	1.0	1.35	---	---
Base Number (BN)	mg KOH/g	ASTM D2896*		2.74	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	37.0	34.5	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	7.3	6.6	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	165	149	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0021401 **Received** : 02 Jul 2024
Lab Number : 02644755 **Tested** : 03 Jul 2024
Unique Number : 5802294 **Diagnosed** : 03 Jul 2024 - Kevin Marson
Test Package : MOB 2 (Additional Tests: FT-IR, Glycol, KV100, PQ, TAN Man, TBN, VI)

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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.