



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
STQ [6100271121]

Machine Id
5JM427

Component
Transmission (Manual)

Fluid
SAE 30W (--- GAL)

RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WA0021531	WA0019744	---
Sample Date		Client Info		17 Apr 2024	27 Apr 2023	---
Machine Age	hrs	Client Info		11260	11260	---
Oil Age	hrs	Client Info		800	400	---
Filter Age	hrs	Client Info		800	400	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		Not Changd	Not Changd	---
Sample Status				NORMAL	NORMAL	---

WEAR

Les taux d'usure de tous les composants sont normaux.

Iron	ppm	ASTM D5185(m)	>200	20	17	---
Chromium	ppm	ASTM D5185(m)	>5	0	0	---
Nickel	ppm	ASTM D5185(m)	>5	0	<1	---
Titanium	ppm	ASTM D5185(m)		0	<1	---
Silver	ppm	ASTM D5185(m)	>7	0	0	---
Aluminum	ppm	ASTM D5185(m)	>25	2	2	---
Lead	ppm	ASTM D5185(m)	>45	<1	1	---
Copper	ppm	ASTM D5185(m)	>225	7	4	---
Tin	ppm	ASTM D5185(m)	>10	0	0	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

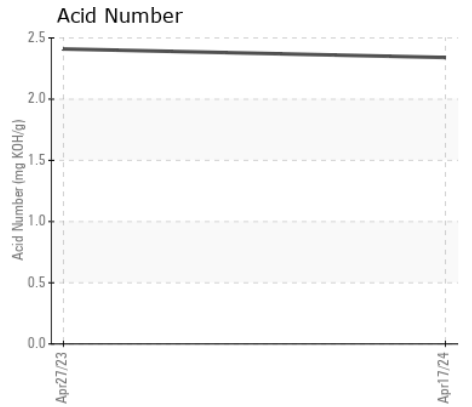
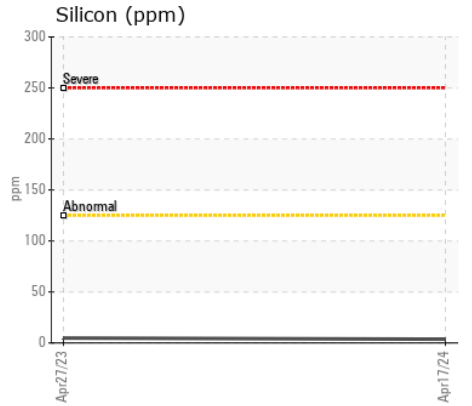
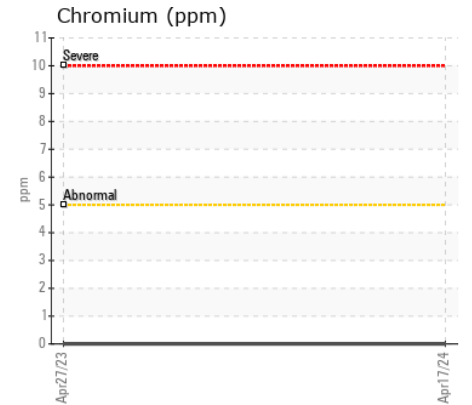
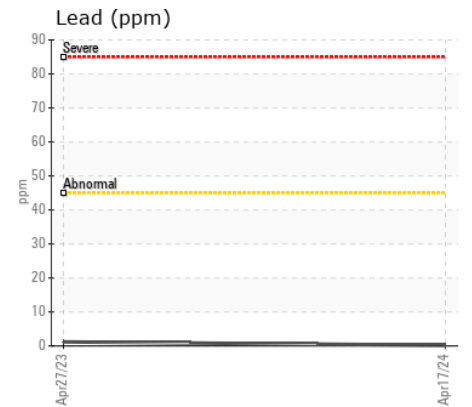
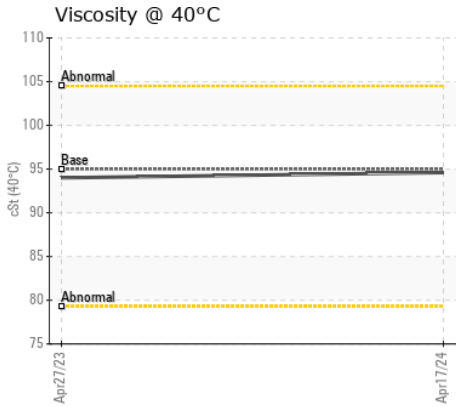
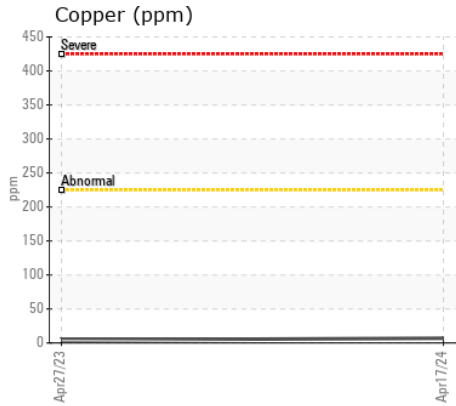
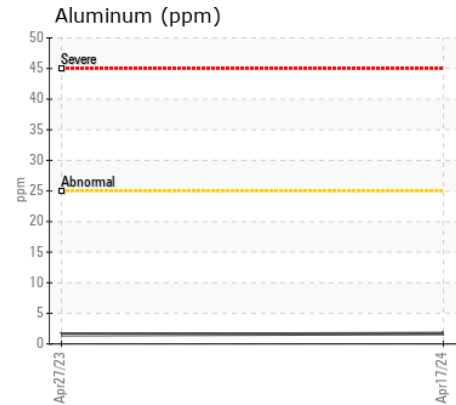
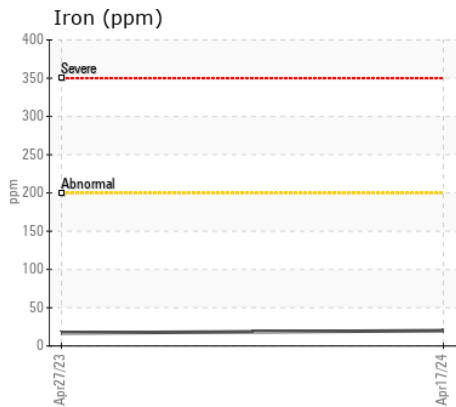
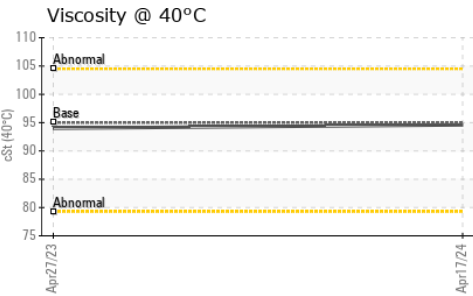
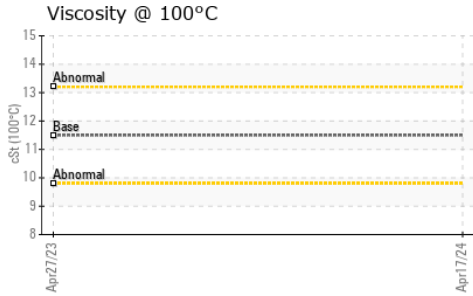
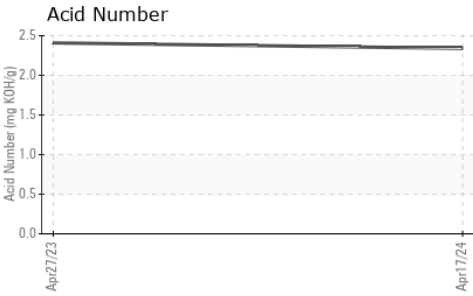
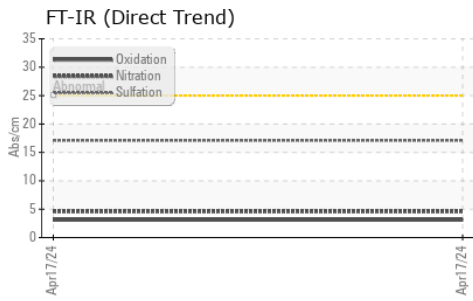
Il n'y a aucun indice de contamination dans le fluide.

Silicon	ppm	ASTM D5185(m)	>125	4	5	---
Potassium	ppm	ASTM D5185(m)	>20	<1	1	---
Water		WC Method	>0.1	NEG	NEG	---
Soot %	%	ASTM D7844*		0	---	---
Nitration	Abs/cm	ASTM D7624*		4.6	---	---
Sulfation	Abs/.1mm	ASTM D7415*		17.1	---	---
Silt	scalar	Visual*	NONE	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	---

FLUID CONDITION

Le AN est acceptable pour ce fluide. L'état de le fluide permet d'en prolonger l'utilisation.

Sodium	ppm	ASTM D5185(m)		1	1	---
Boron	ppm	ASTM D5185(m)		2	1	---
Barium	ppm	ASTM D5185(m)		0	0	---
Molybdenum	ppm	ASTM D5185(m)		0	0	---
Manganese	ppm	ASTM D5185(m)		<1	<1	---
Magnesium	ppm	ASTM D5185(m)		22	20	---
Calcium	ppm	ASTM D5185(m)		3214	3341	---
Phosphorus	ppm	ASTM D5185(m)		1059	1148	---
Zinc	ppm	ASTM D5185(m)		1245	1277	---
Sulfur	ppm	ASTM D5185(m)		9845	10324	---
Oxidation	Abs/.1mm	ASTM D7414*		3.1	---	---
Acid Number (AN)	mg KOH/g	ASTM D974*		2.34	2.41	---
Visc @ 40°C	cSt	ASTM D7279(m)	95.0	94.6	94.0	---
Visc @ 100°C	cSt	ASTM D7279(m)	11.5	10.9	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	109	99	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0021531 **Received** : 25 Apr 2024
Lab Number : 02631305 **Tested** : 25 Apr 2024
Unique Number : 5772458 **Diagnosed** : 25 Apr 2024 - Kevin Marson
Test Package : MOB 2 (Additional Tests: FT-IR, KV100, TAN Man, VI)

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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