

Machine Id
7229
Component
Transmission (Auto)
Fluid
TES SYN 295 (--- 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		PC0088179	PC0083854	PC0081890
Sample Date		Client Info		24 Apr 2024	08 Feb 2024	20 Dec 2023
Machine Age	kms	Client Info		165266	161630	166745
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

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

Iron	ppm	ASTM D5185(m)	>160	54	62	46
Chromium	ppm	ASTM D5185(m)	>5	0	0	0
Nickel	ppm	ASTM D5185(m)	>5	0	0	<1
Titanium	ppm	ASTM D5185(m)		<1	0	0
Silver	ppm	ASTM D5185(m)	>5	0	0	0
Aluminum	ppm	ASTM D5185(m)	>50	15	20	12
Lead	ppm	ASTM D5185(m)	>50	9	8	7
Copper	ppm	ASTM D5185(m)	>225	24	24	19
Tin	ppm	ASTM D5185(m)	>10	1	1	1
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

CONTAMINATION

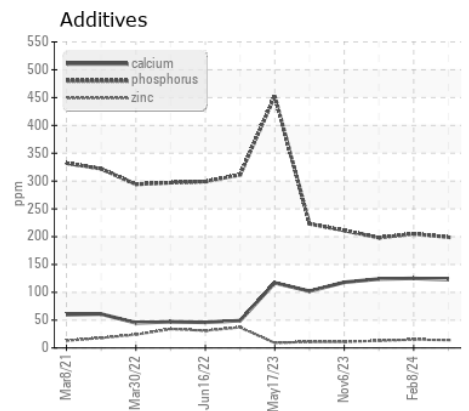
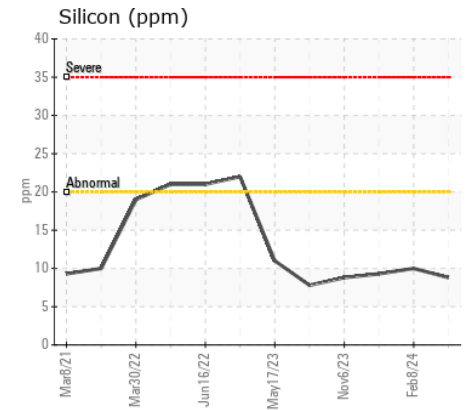
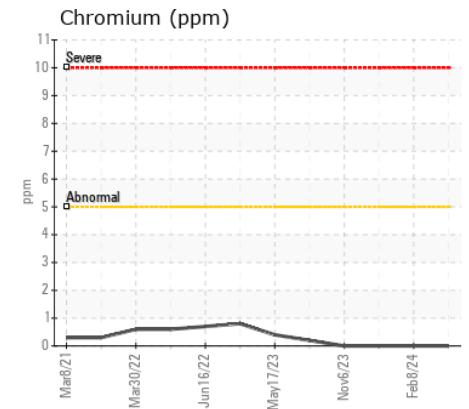
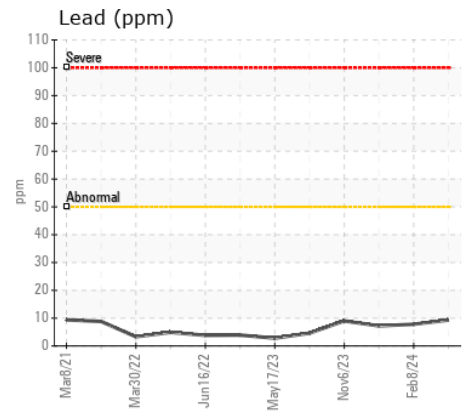
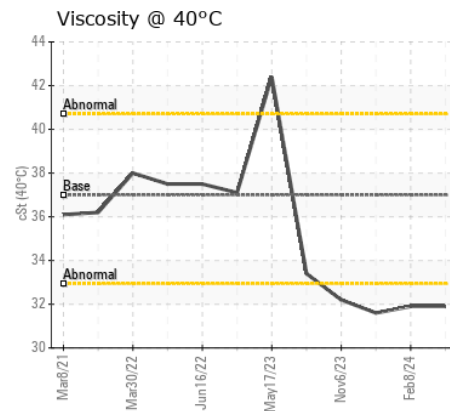
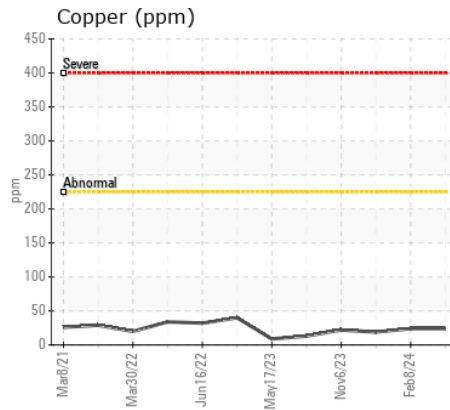
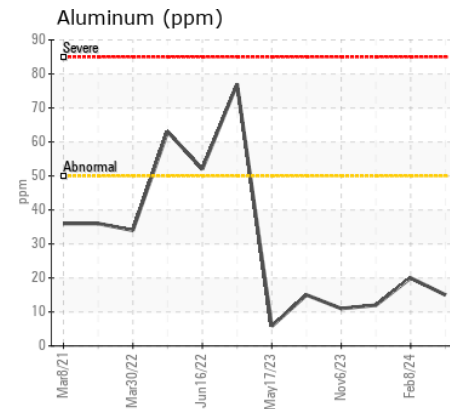
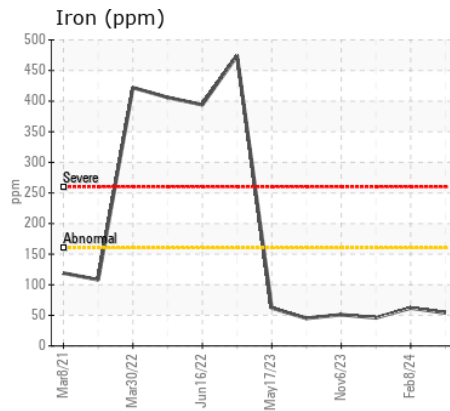
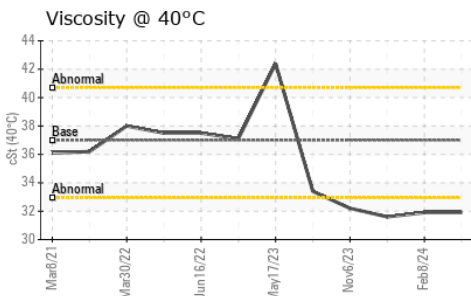
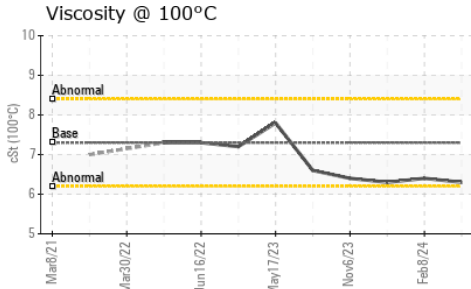
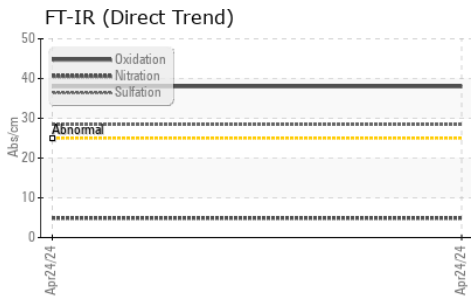
Il n'y a aucun indice de contamination dans le fluide.

Silicon	ppm	ASTM D5185(m)	>20	9	10	9
Potassium	ppm	ASTM D5185(m)	>20	1	2	1
Water		WC Method	>0.1	NEG	NEG	NEG
Soot %	%	ASTM D7844*		0	---	---
Nitration	Abs/cm	ASTM D7624*		4.9	---	---
Sulfation	Abs/.1mm	ASTM D7415*		28.4	---	---
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	NEG

FLUID CONDITION

L'état de le fluide est acceptable pour la durée de service.

Sodium	ppm	ASTM D5185(m)		78	72	75
Boron	ppm	ASTM D5185(m)	85	44	43	42
Barium	ppm	ASTM D5185(m)	0	0	0	0
Molybdenum	ppm	ASTM D5185(m)	0	0	0	0
Manganese	ppm	ASTM D5185(m)	0	<1	<1	0
Magnesium	ppm	ASTM D5185(m)	1	1	1	3
Calcium	ppm	ASTM D5185(m)	100	123	125	124
Phosphorus	ppm	ASTM D5185(m)	200	199	205	198
Zinc	ppm	ASTM D5185(m)	0	14	15	13
Sulfur	ppm	ASTM D5185(m)	1500	1391	1454	1527
Oxidation	Abs/.1mm	ASTM D7414*		38.0	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	37.0	31.9	31.9	31.6
Visc @ 100°C	cSt	ASTM D7279(m)	7.3	6.3	6.4	6.3
Viscosity Index (VI)	Scale	ASTM D2270*	165	152	157	154



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088179
Lab Number : 02631552
Unique Number : 5772705
Test Package : MOB 1 (Additional Tests: FT-IR, KV100, VI)

GFL Environmental - 737 - Quebec City Hauling
 6205 Boul. Wilfrid Hamel,
 Quebec City, QC
 CA G2E 5G8
 Contact: Dave Beaulieu
 davebeaulieu@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.

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