



WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	ABNORMAL

Machine Id
5670
 Component
Transmission (Auto)
 Fluid
TES SYN 295 (--- 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. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

WEAR

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

CONTAMINATION

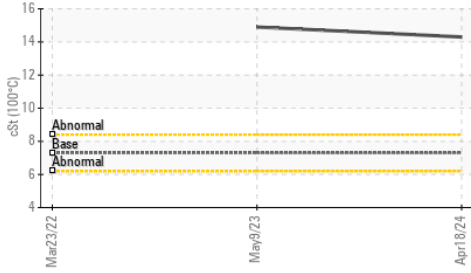
Lithium (Li) niveau anormal @15ppm., indique une contamination de la graisse possible. Concentration modérée de saleté dans le fluide.

FLUID CONDITION

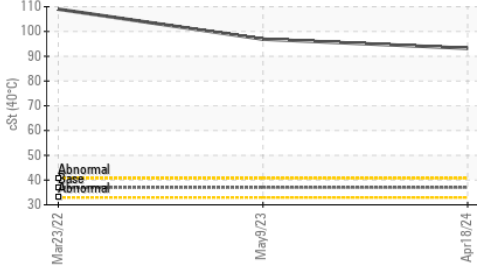
La viscosité de l'échantillon se situe dans la portée de l'SAE 75W90; nous vous conseillons de vérifier. le fluide ne peut plus être utilisée en raison de la présence de contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0088185	PC0071834	GFL0047293
Sample Date		Client Info		18 Apr 2024	09 May 2023	23 Mar 2022
Machine Age	kms	Client Info		796091	709559	546544
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		N/A	Not Changd	N/A
Filter Changed		Client Info		N/A	Changed	N/A
Sample Status				ABNORMAL	ABNORMAL	SEVERE
Iron	ppm	ASTM D5185(m)	>160	81	▲ 343	▲ 395
Chromium	ppm	ASTM D5185(m)	>5	<1	2	3
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		<1	<1	0
Silver	ppm	ASTM D5185(m)	>5	0	0	<1
Aluminum	ppm	ASTM D5185(m)	>50	4	4	4
Lead	ppm	ASTM D5185(m)	>50	0	<1	1
Copper	ppm	ASTM D5185(m)	>225	7	3	11
Tin	ppm	ASTM D5185(m)	>10	0	0	<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
Silicon	ppm	ASTM D5185(m)	>20	▲ 22	10	8
Potassium	ppm	ASTM D5185(m)	>20	2	<1	2
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	VLITE
Sand/Dirt	scalar	Visual*	NONE	VLITE	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
Sodium	ppm	ASTM D5185(m)		72	3	6
Boron	ppm	ASTM D5185(m)	85	229	275	235
Barium	ppm	ASTM D5185(m)	0	4	0	0
Molybdenum	ppm	ASTM D5185(m)	0	0	<1	<1
Manganese	ppm	ASTM D5185(m)	0	5	4	5
Magnesium	ppm	ASTM D5185(m)	1	2	1	4
Calcium	ppm	ASTM D5185(m)	100	83	49	14
Phosphorus	ppm	ASTM D5185(m)	200	1044	1271	1458
Zinc	ppm	ASTM D5185(m)	0	20	3	18
Sulfur	ppm	ASTM D5185(m)	1500	519	990	16035
Visc @ 40°C	cSt	ASTM D7279(m)	37.0	▲ 93.2	96.9	109
Visc @ 100°C	cSt	ASTM D7279(m)	7.3	▲ 14.3	14.9	---
Viscosity Index (VI)	Scale	ASTM D2270*	165	158	161	---

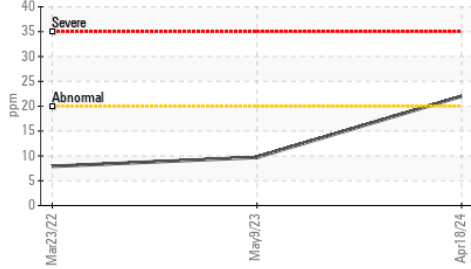
▲ Viscosity @ 100°C



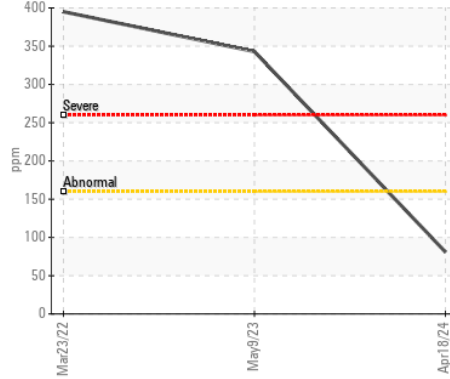
▲ Viscosity @ 40°C



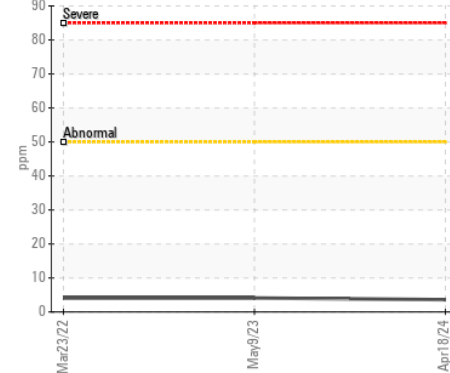
▲ Silicon (ppm)



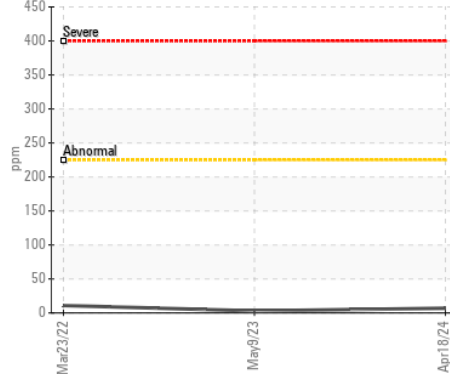
Iron (ppm)



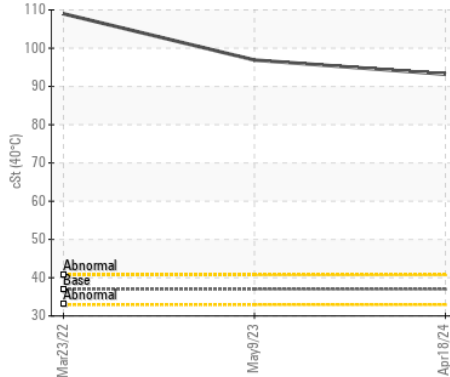
Aluminum (ppm)



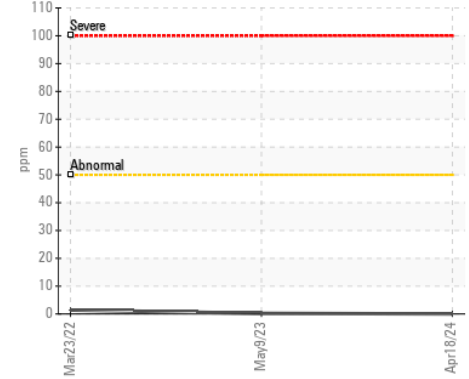
Copper (ppm)



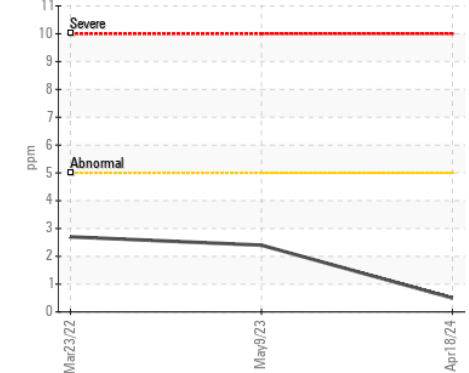
▲ Viscosity @ 40°C



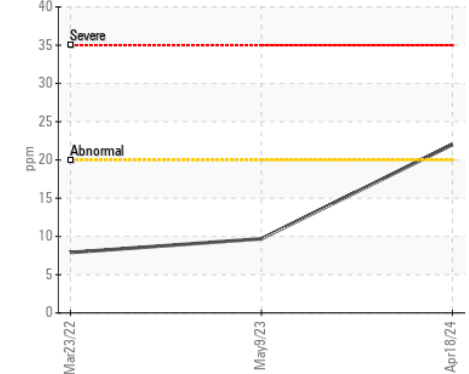
Lead (ppm)



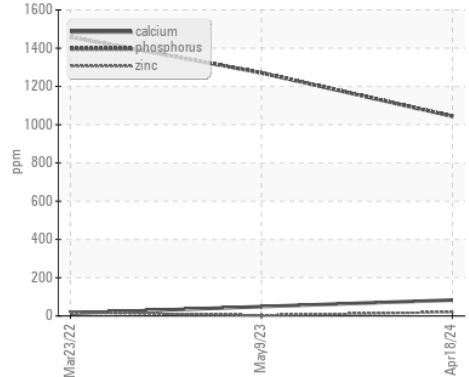
Chromium (ppm)



▲ Silicon (ppm)



Additives



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088185
Lab Number : 02630641
Unique Number : 5763773
Test Package : MOB 1 (Additional Tests: 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.

T:
F: