

Machine Id
7228
Component
Transmission (Auto)
Fluid
ALLISON TES 295 (--- GAL)

RECOMMENDATION

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

Usure des engrenages. Le haut indice ferreux (PQ) indique la présence d'une usure anormale.

CONTAMINATION

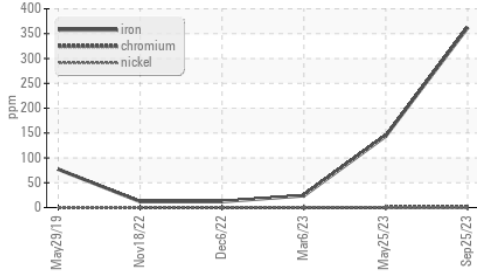
Il n'y a aucun indice de contamination dans le fluide.

FLUID CONDITION

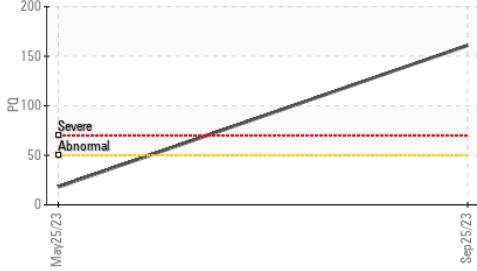
Le fluide n'est plus en état de service en raison d'une usure anormale et/ou sévère.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0078093	PC0075447	PC0067773
Sample Date		Client Info		25 Sep 2023	25 May 2023	06 Mar 2023
Machine Age	kms	Client Info		136279	186958	183034
Oil Age	kms	Client Info		0	0	0
Filter Age	kms	Client Info		0	0	0
Oil Changed		Client Info		N/A	Not Changd	Not Changd
Filter Changed		Client Info		N/A	Changed	Changed
Sample Status				SEVERE	ABNORMAL	NORMAL
PQ		ASTM D8184*	>50	▲ 161	18	---
Iron	ppm	ASTM D5185(m)	>160	▲ 362	▲ 144	24
Chromium	ppm	ASTM D5185(m)	>5	<1	0	0
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	<1
Titanium	ppm	ASTM D5185(m)		0	<1	0
Silver	ppm	ASTM D5185(m)	>5	<1	<1	0
Aluminum	ppm	ASTM D5185(m)	>50	8	17	4
Lead	ppm	ASTM D5185(m)	>50	2	9	<1
Copper	ppm	ASTM D5185(m)	>225	24	31	11
Tin	ppm	ASTM D5185(m)	>10	<1	2	<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	12	14	7
Potassium	ppm	ASTM D5185(m)	>20	7	1	<1
Water		WC Method	>0.1	NEG	NEG	NEG
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
Sodium	ppm	ASTM D5185(m)		16	10	10
Boron	ppm	ASTM D5185(m)	150	63	93	69
Barium	ppm	ASTM D5185(m)	0	2	0	0
Molybdenum	ppm	ASTM D5185(m)	0	0	<1	<1
Manganese	ppm	ASTM D5185(m)		3	2	<1
Magnesium	ppm	ASTM D5185(m)	0	<1	<1	1
Calcium	ppm	ASTM D5185(m)	40	124	124	135
Phosphorus	ppm	ASTM D5185(m)	320	208	292	244
Zinc	ppm	ASTM D5185(m)	5	10	8	13
Sulfur	ppm	ASTM D5185(m)	1050	1422	1352	1411
Visc @ 40°C	cSt	ASTM D7279(m)	38.9	32.4	32.8	34.3
Visc @ 100°C	cSt	ASTM D7279(m)	7.3	6.5	6.6	6.8
Viscosity Index (VI)	Scale	ASTM D2270*	168	159	161	161

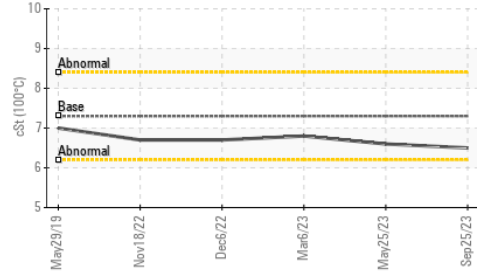
▲ Ferrous Alloys



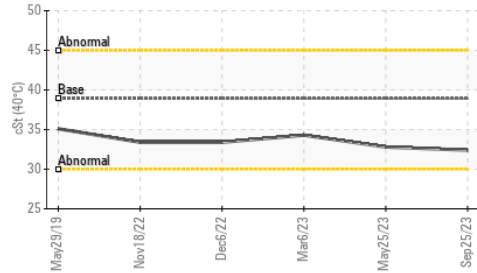
▲ PQ



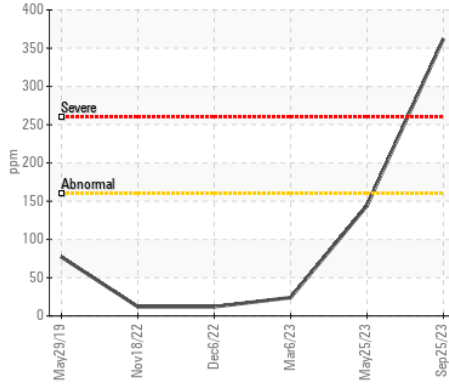
Viscosity @ 100°C



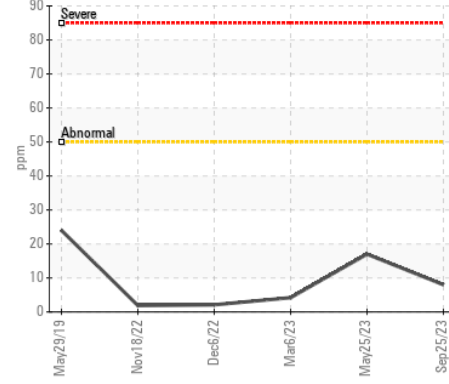
Viscosity @ 40°C



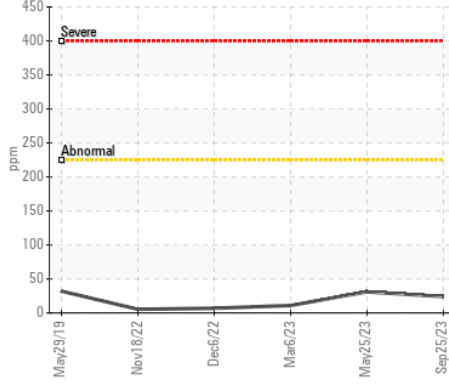
▲ Iron (ppm)



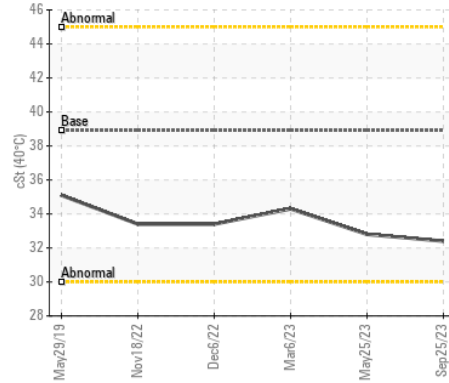
Aluminum (ppm)



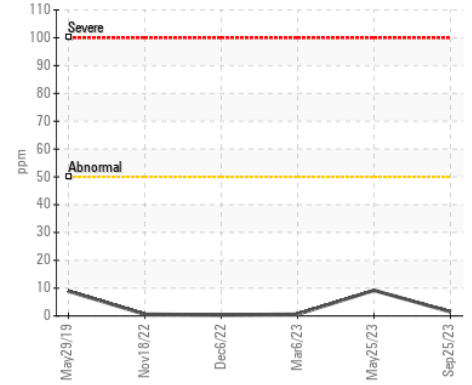
Copper (ppm)



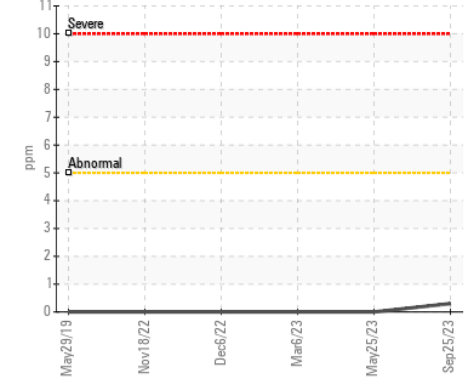
Viscosity @ 40°C



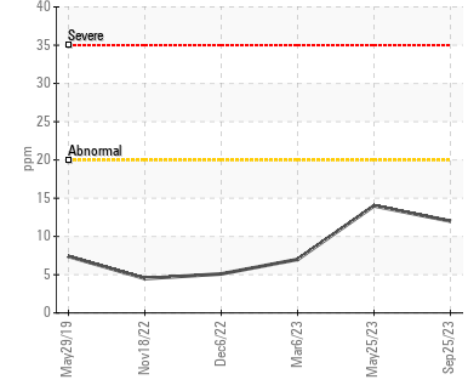
Lead (ppm)



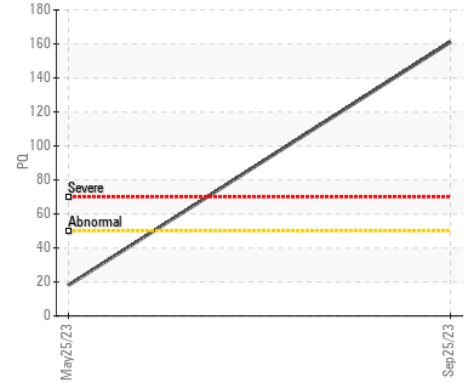
Chromium (ppm)



Silicon (ppm)



▲ PQ



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0078093
Lab Number : 02585608
Unique Number : 5646673
Test Package : MOB 1 (Additional Tests: KV100, PQ, 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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F: