



Machine Id
901069
Component
Transmission (Auto)
Fluid
ALLISON TES 295 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0097990	GFL0082144	---
Sample Date		Client Info		09 May 2024	09 Nov 2023	---
Machine Age	hrs	Client Info		12274	11547	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changed	Not Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>230	107	127	---
Chromium	ppm	ASTM D5185(m)	>2	<1	<1	---
Nickel	ppm	ASTM D5185(m)	>5	<1	<1	---
Titanium	ppm	ASTM D5185(m)	>2	0	0	---
Silver	ppm	ASTM D5185(m)	>5	0	<1	---
Aluminum	ppm	ASTM D5185(m)	>65	33	40	---
Lead	ppm	ASTM D5185(m)	>55	16	21	---
Copper	ppm	ASTM D5185(m)	>85	12	17	---
Tin	ppm	ASTM D5185(m)	>5	3	4	---
Vanadium	ppm	ASTM D5185(m)		0	0	---
White Metal	scalar	Visual*	NONE	VLITE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	---

CONTAMINATION

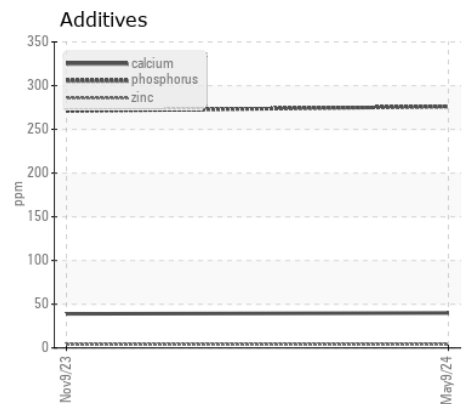
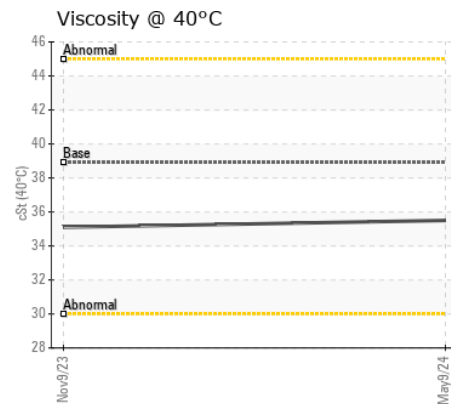
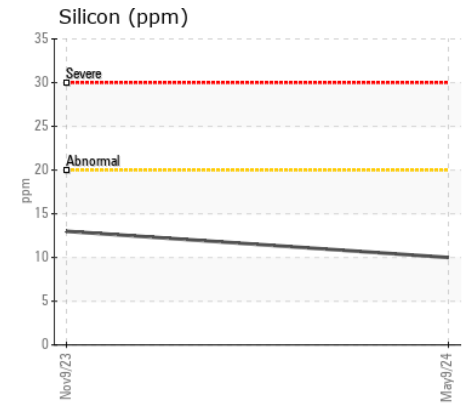
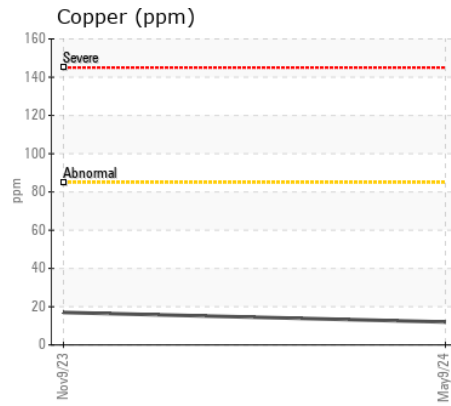
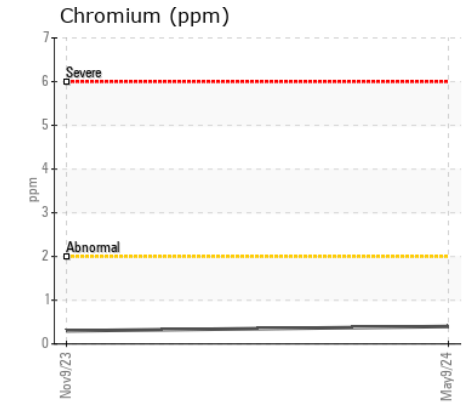
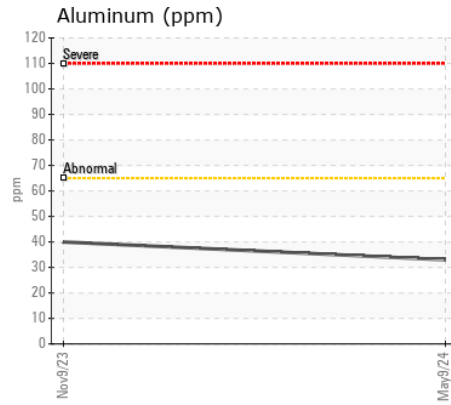
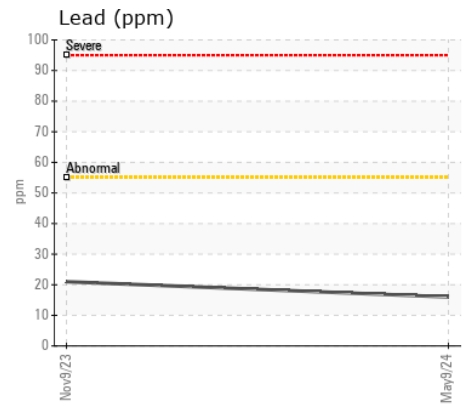
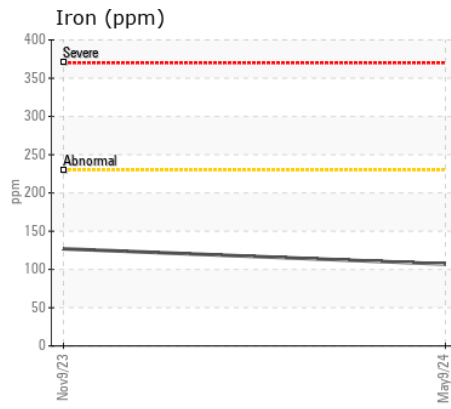
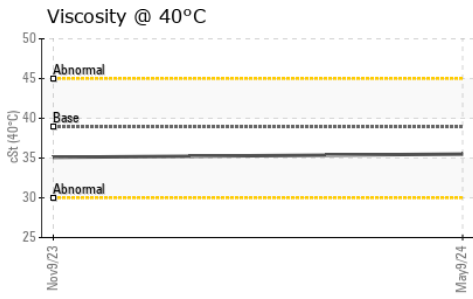
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>20	10	13	---
Potassium	ppm	ASTM D5185(m)	>20	4	3	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	Visual*	NONE	VLITE	NONE	---
Debris	scalar	Visual*	NONE	VLITE	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

The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)		11	12	---
Boron	ppm	ASTM D5185(m)	150	119	98	---
Barium	ppm	ASTM D5185(m)	0	<1	<1	---
Molybdenum	ppm	ASTM D5185(m)	0	0	0	---
Manganese	ppm	ASTM D5185(m)		1	1	---
Magnesium	ppm	ASTM D5185(m)	0	<1	<1	---
Calcium	ppm	ASTM D5185(m)	40	40	39	---
Phosphorus	ppm	ASTM D5185(m)	320	276	271	---
Zinc	ppm	ASTM D5185(m)	5	4	4	---
Sulfur	ppm	ASTM D5185(m)	1050	703	633	---
Visc @ 40°C	cSt	ASTM D7279(m)	38.9	35.5	35.1	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0097990 **Received** : 02 Jul 2024
Lab Number : 02644934 **Tested** : 02 Jul 2024
Unique Number : 5802473 **Diagnosed** : 02 Jul 2024 - Wes Davis
Test Package : MOB 1

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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.