



Machine Id
731028
Component
Transmission (Auto)
Fluid
TES SYN 295 (--- GAL)

RECOMMENDATION

We advise that you check for the source of the coolant leak. We recommend that you drain the fluid from the component if this has not already been done. We advise that you flush the component thoroughly before re-filling with fluid. We recommend an early resample to monitor this condition.

WEAR

All component wear rates are normal.

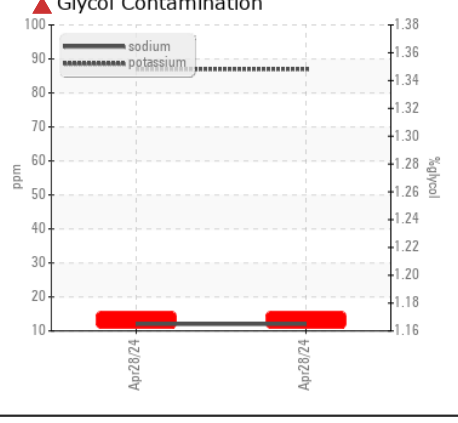
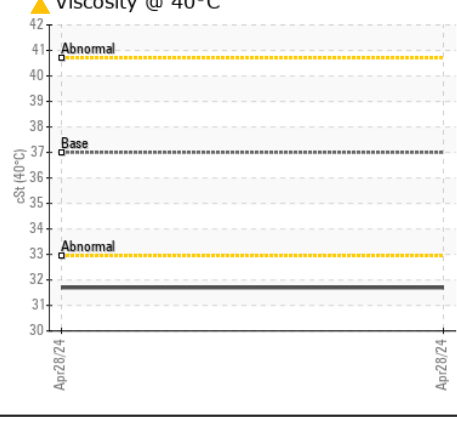
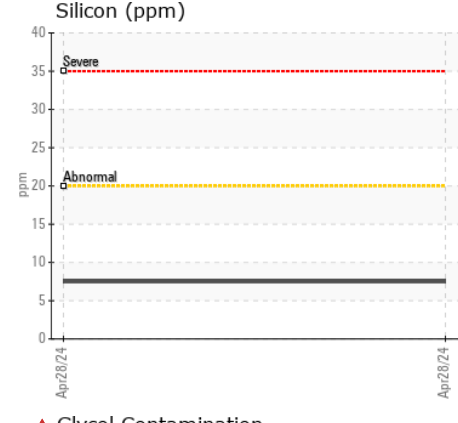
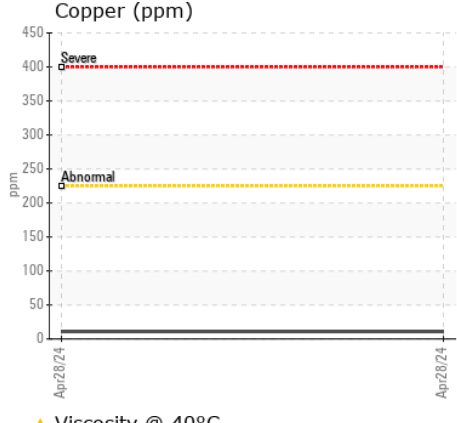
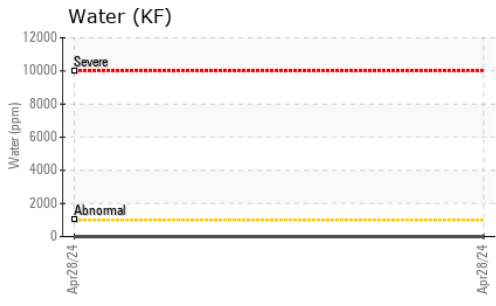
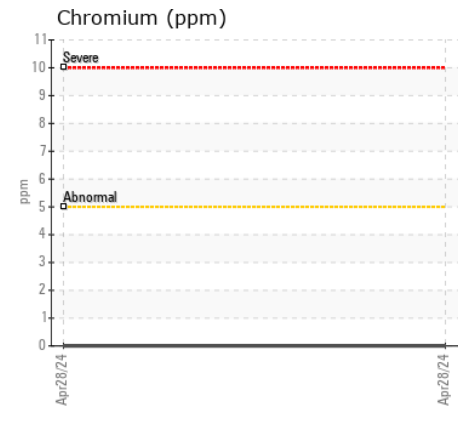
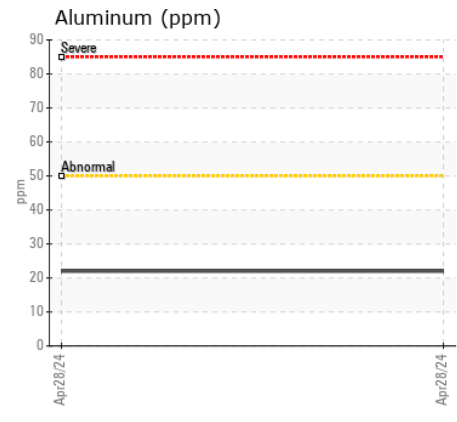
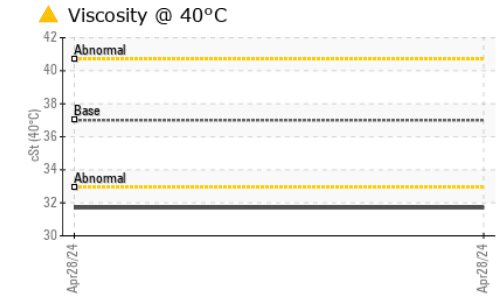
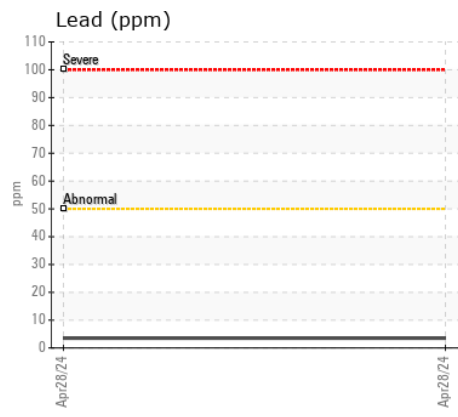
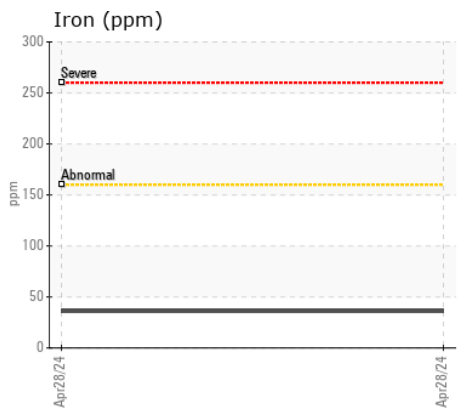
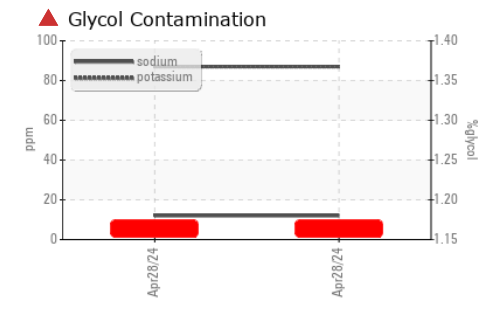
CONTAMINATION

Test for glycol is positive. There is a high concentration of glycol present in the fluid. There is a moderate concentration of water present in the fluid.

FLUID CONDITION

The fluid viscosity is lower than typical, possibly indicating the addition of lighter grade fluid. The fluid is no longer serviceable due to the presence of contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		GFL0100742	---	---
Sample Date		Client Info		28 Apr 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				SEVERE	---	---
Iron	ppm	ASTM D5185(m)	>160	36	---	---
Chromium	ppm	ASTM D5185(m)	>5	0	---	---
Nickel	ppm	ASTM D5185(m)	>5	0	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>5	0	---	---
Aluminum	ppm	ASTM D5185(m)	>50	22	---	---
Lead	ppm	ASTM D5185(m)	>50	4	---	---
Copper	ppm	ASTM D5185(m)	>225	11	---	---
Tin	ppm	ASTM D5185(m)	>10	2	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Silicon	ppm	ASTM D5185(m)	>20	8	---	---
Potassium	ppm	ASTM D5185(m)	>20	▲ 87	---	---
Water	%	ASTM D6304*	>0.1	NEG	---	---
Glycol	%	ASTM D7922*		▲ 1.174	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	VLITE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	▲ HAZY	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.1	▲ .5%	---	---
Sodium	ppm	ASTM D5185(m)		12	---	---
Boron	ppm	ASTM D5185(m)	85	23	---	---
Barium	ppm	ASTM D5185(m)	0	<1	---	---
Molybdenum	ppm	ASTM D5185(m)	0	4	---	---
Manganese	ppm	ASTM D5185(m)	0	1	---	---
Magnesium	ppm	ASTM D5185(m)	1	12	---	---
Calcium	ppm	ASTM D5185(m)	100	129	---	---
Phosphorus	ppm	ASTM D5185(m)	200	186	---	---
Zinc	ppm	ASTM D5185(m)	0	25	---	---
Sulfur	ppm	ASTM D5185(m)	1500	1369	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	37.0	▲ 31.7	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0100742 **Received** : 29 Apr 2024
Lab Number : 02632004 **Tested** : 30 Apr 2024
Unique Number : 5773157 **Diagnosed** : 30 Apr 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: Glycol, KF)

GFL Environmental - 277 - Niagara Regional
 C/O Metro Truck Niagara Inc., 411 Glendale Avenue
 St. Catharines, ON
 CA L2P 3Y1
 Contact: Kelly Bremner
 kbremner@gflenv.com
 T: (437)235-6849
 F:

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.