



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id  
**5053**  
 Component  
**Front Differential**  
 Fluid  
**TDTO FLUID SAE 30 (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TDTO FLUID SAE 30. Please confirm.  
 Please specify the component make and model with your next sample.

**WEAR**

All component wear rates are normal.

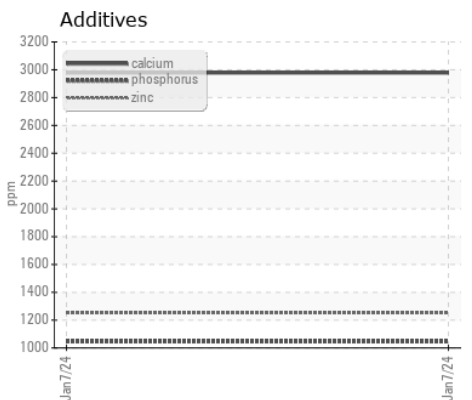
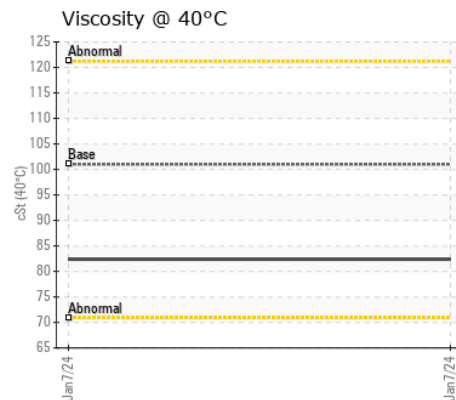
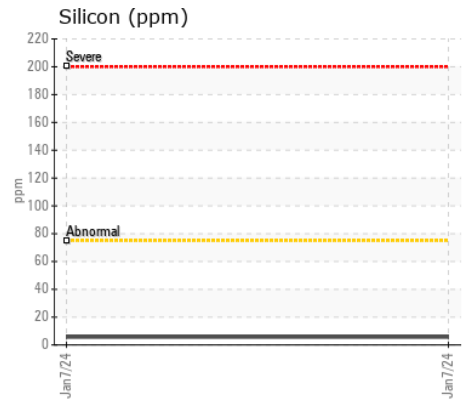
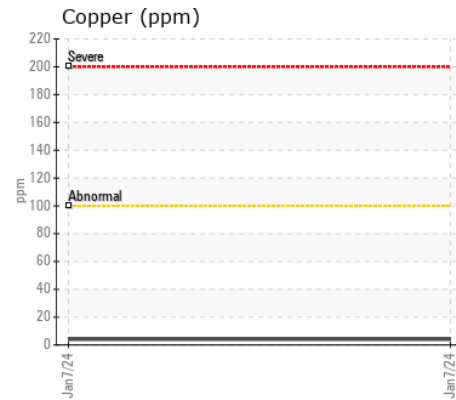
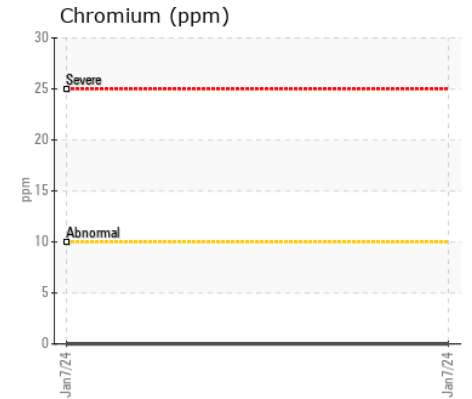
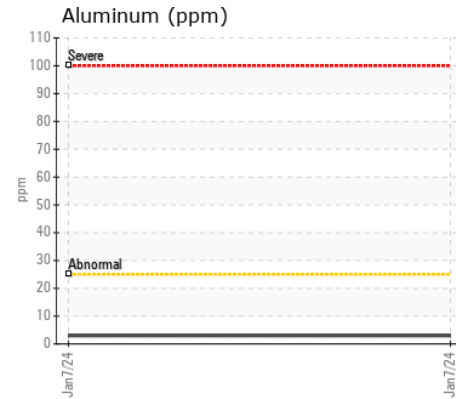
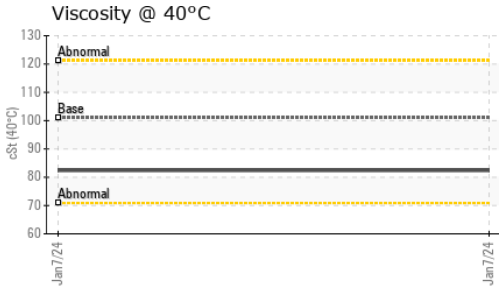
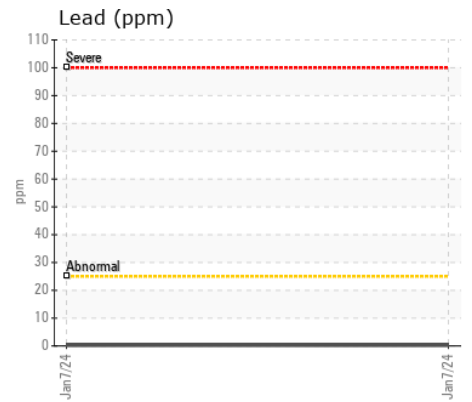
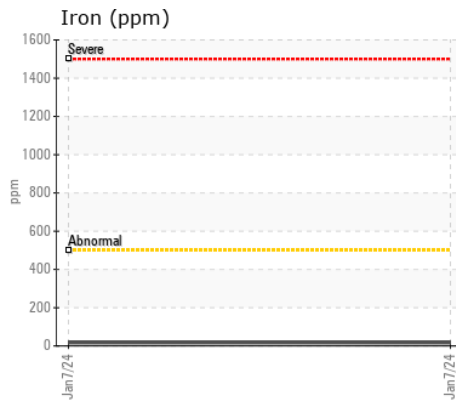
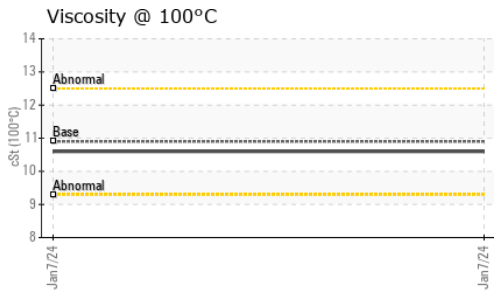
**CONTAMINATION**

There is no indication of any contamination in the oil.

**FLUID CONDITION**

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0072210	---	---
Sample Date		Client Info		07 Jan 2024	---	---
Machine Age	hrs	Client Info		3407	---	---
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				NORMAL	---	---
Iron	ppm	ASTM D5185(m)	>500	17	---	---
Chromium	ppm	ASTM D5185(m)	>10	0	---	---
Nickel	ppm	ASTM D5185(m)	>10	<1	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)		0	---	---
Aluminum	ppm	ASTM D5185(m)	>25	3	---	---
Lead	ppm	ASTM D5185(m)	>25	<1	---	---
Copper	ppm	ASTM D5185(m)	>100	4	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	VLITE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Silicon	ppm	ASTM D5185(m)	>75	6	---	---
Potassium	ppm	ASTM D5185(m)	>20	2	---	---
Water		WC Method	>.2	NEG	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>.2	NEG	---	---
Sodium	ppm	ASTM D5185(m)		2	---	---
Boron	ppm	ASTM D5185(m)	37	2	---	---
Barium	ppm	ASTM D5185(m)	7	0	---	---
Molybdenum	ppm	ASTM D5185(m)	5	2	---	---
Manganese	ppm	ASTM D5185(m)		0	---	---
Magnesium	ppm	ASTM D5185(m)	40	19	---	---
Calcium	ppm	ASTM D5185(m)	2650	2978	---	---
Phosphorus	ppm	ASTM D5185(m)	1050	1046	---	---
Zinc	ppm	ASTM D5185(m)	1075	1251	---	---
Sulfur	ppm	ASTM D5185(m)	5750	3853	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	101	82.4	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	10.6	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	90	112	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.  
**Sample No.** : PC0072210 **Recieved** : 08 Jan 2024 270 RUE BRUNET  
**Lab Number** : 02607223 **Diagnosed** : 09 Jan 2024 MONT ST-HILAIRE, QC  
**Unique Number** : 5708309 **Diagnostician** : Wes Davis CA J3H 0M6  
**Test Package** : MOB 1 ( Additional Tests: KV100, VI ) Contact: Martin Trudel  
 mtrudel@michaudville.com

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.