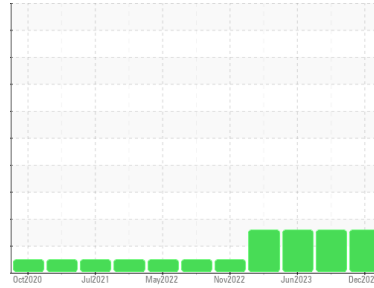


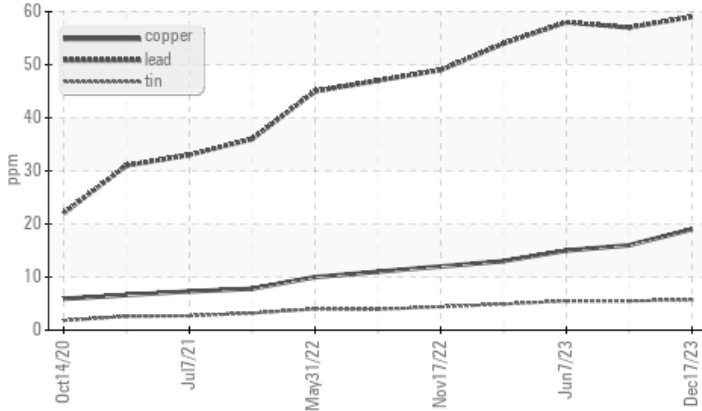


Machine Id  
**1225**  
Component  
**Transmission (Auto)**  
Fluid  
**ATF (PAO) (--- GAL)**

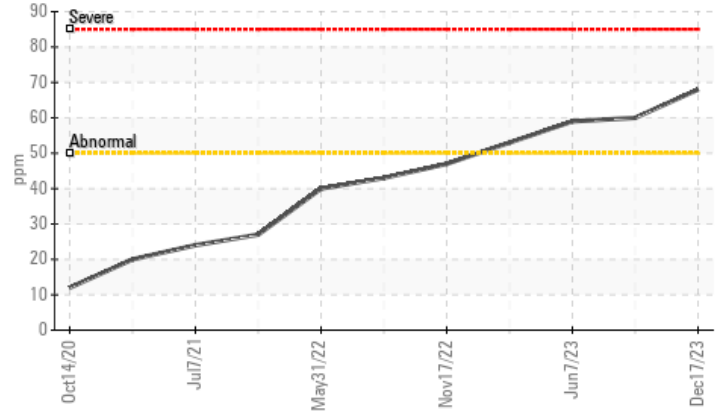


**COMPONENT CONDITION SUMMARY**

**▲ Non-ferrous Metals**



**▲ Aluminum (ppm)**



**RECOMMENDATION**

We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) ATF (PAO). Please confirm. Please specify the component make and model with your next sample.

**PROBLEMATIC TEST RESULTS**

Sample Status				<b>ABNORMAL</b>	ABNORMAL	ABNORMAL
Aluminum	ppm	ASTM D5185(m)	>50	<b>▲ 68</b>	▲ 60	▲ 59
Lead	ppm	ASTM D5185(m)	>50	<b>▲ 59</b>	▲ 57	▲ 58

Customer Id: LES270MON  
Sample No.: PC0076047  
Lab Number: 02603882  
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:  
Kevin Marson +1 (289)291-4644 x4644  
[Kevin.Marson@wearcheck.com](mailto:Kevin.Marson@wearcheck.com)

To change component or sample information:  
Gloria Gonzalez +1 (289)291-4643 x4643  
[gloria.gonzalez@wearcheck.com](mailto:gloria.gonzalez@wearcheck.com)

## RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Fluid	---	---	?	We recommend that you drain the fluid from the component if this has not already been done.
Resample	---	---	?	We recommend an early resample to monitor this condition.
Alert	---	---	?	The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) ATF (PAO). Please confirm.
Information Required	---	---	?	Please specify the component make and model with your next sample.

## HISTORICAL DIAGNOSIS

### 30 Aug 2023 Diag: Kevin Marson

WEAR



We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) ATF (PAO). Please confirm. Please specify the component make and model with your next sample. Aluminum and lead ppm levels are abnormal. Torque converter wear is indicated. Clutch disc wear indicated. There is no indication of any contamination in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

view report



### 07 Jun 2023 Diag: Kevin Marson

WEAR



We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the component make and model with your next sample. Aluminum and lead ppm levels are abnormal. Torque converter wear is indicated. Clutch disc wear indicated. There is no indication of any contamination in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

view report



### 09 Feb 2023 Diag: Kevin Marson

WEAR

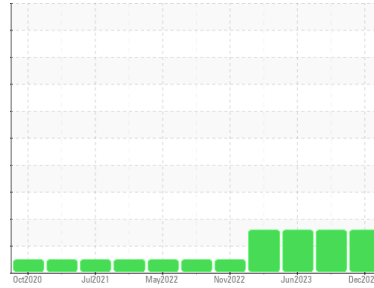


We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) ATF (PAO). Please confirm. Please specify the component make and model with your next sample. Aluminum and lead ppm levels are abnormal. Torque converter wear is indicated. Clutch disc wear indicated. There is no indication of any contamination in the fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

view report



Machine Id  
**1225**  
Component  
**Transmission (Auto)**  
Fluid  
**ATF (PAO) (--- GAL)**



**DIAGNOSIS**

**Recommendation**  
We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) ATF (PAO). Please confirm. Please specify the component make and model with your next sample.

**Wear**  
Aluminum and lead ppm levels are abnormal. Torque converter wear is indicated. Clutch disc wear indicated.

**Contamination**  
There is no indication of any contamination in the fluid.

**Fluid Condition**  
The AN level is acceptable for this fluid. The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

**SAMPLE INFORMATION**

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>PC0076047</b>	PC0078347	PC0075924
Sample Date	Client Info	<b>17 Dec 2023</b>	30 Aug 2023	07 Jun 2023
Machine Age	hrs	<b>5733</b>	5234	4779
Oil Age	hrs	<b>0</b>	0	0
Oil Changed	Client Info	<b>N/A</b>	N/A	N/A
Sample Status		<b>ABNORMAL</b>	ABNORMAL	ABNORMAL

**CONTAMINATION**

method	limit/base	current	history1	history2
Water	WC Method >0.1	<b>NEG</b>	NEG	NEG

**WEAR METALS**

method	limit/base	current	history1	history2
PQ	ASTM D8184* >50	<b>12</b>	---	---
Iron	ppm ASTM D5185(m) >160	<b>159</b>	141	131
Chromium	ppm ASTM D5185(m) >5	<b>&lt;1</b>	<1	<1
Nickel	ppm ASTM D5185(m) >5	<b>&lt;1</b>	<1	<1
Titanium	ppm ASTM D5185(m)	<b>0</b>	0	0
Silver	ppm ASTM D5185(m) >5	<b>&lt;1</b>	0	0
Aluminum	ppm ASTM D5185(m) >50	<b>68</b>	60	59
Lead	ppm ASTM D5185(m) >50	<b>59</b>	57	58
Copper	ppm ASTM D5185(m) >225	<b>19</b>	16	15
Tin	ppm ASTM D5185(m) >10	<b>6</b>	6	6
Antimony	ppm ASTM D5185(m)	<b>0</b>	0	0
Vanadium	ppm ASTM D5185(m)	<b>0</b>	0	0
Beryllium	ppm ASTM D5185(m)	<b>0</b>	0	0
Cadmium	ppm ASTM D5185(m)	<b>0</b>	0	0

**ADDITIVES**

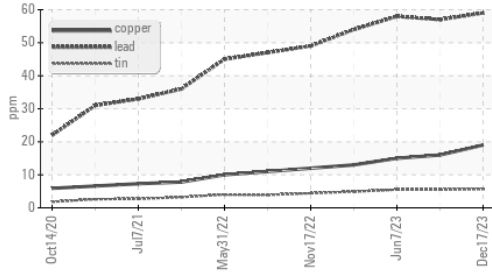
method	limit/base	current	history1	history2
Boron	ppm ASTM D5185(m) 175	<b>91</b>	86	88
Barium	ppm ASTM D5185(m) 5	<b>1</b>	<1	<1
Molybdenum	ppm ASTM D5185(m) 5	<b>1</b>	2	2
Manganese	ppm ASTM D5185(m)	<b>2</b>	2	2
Magnesium	ppm ASTM D5185(m) 5	<b>0</b>	2	0
Calcium	ppm ASTM D5185(m) 125	<b>41</b>	38	35
Phosphorus	ppm ASTM D5185(m) 290	<b>253</b>	272	285
Zinc	ppm ASTM D5185(m) 10	<b>6</b>	8	5
Sulfur	ppm ASTM D5185(m) 400	<b>256</b>	257	269
Lithium	ppm ASTM D5185(m)	<b>&lt;1</b>	<1	<1

**CONTAMINANTS**

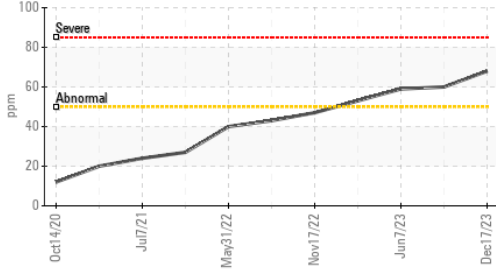
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185(m) >20	<b>10</b>	10	10
Sodium	ppm ASTM D5185(m)	<b>7</b>	7	7
Potassium	ppm ASTM D5185(m) >20	<b>3</b>	5	5

# OIL ANALYSIS REPORT

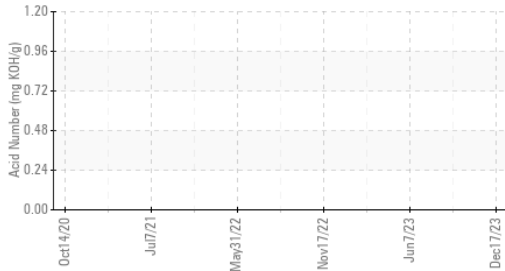
## ▲ Non-ferrous Metals



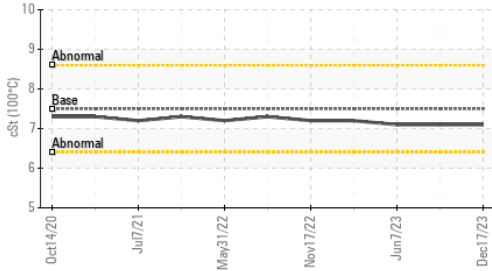
## ▲ Aluminum (ppm)



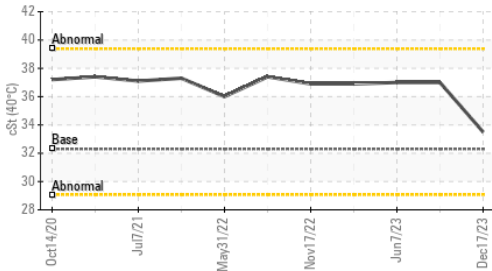
## Acid Number



## Viscosity @ 100°C



## Viscosity @ 40°C



FLUID CLEANLINESS		method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>10000	<b>212444</b>	---	---	
Particles >6µm	ASTM D7647	>2500	<b>38095</b>	---	---	
Particles >14µm	ASTM D7647	>320	<b>425</b>	---	---	
Particles >21µm	ASTM D7647	>80	<b>38</b>	---	---	
Particles >38µm	ASTM D7647	>20	<b>1</b>	---	---	
Particles >71µm	ASTM D7647	>4	<b>1</b>	---	---	
Oil Cleanliness	ISO 4406 (c)	>20/18/15	<b>25/22/16</b>	---	---	

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*		<b>1.04</b>	---	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	<b>NONE</b>	VLITE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	NEG	NEG
Free Water	scalar	Visual*		<b>NEG</b>	NEG	NEG

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	32.3	<b>33.5</b>	37.0	37.0
Visc @ 100°C	cSt	ASTM D7279(m)	7.5	<b>7.1</b>	7.1	7.1
Viscosity Index (VI)	Scale	ASTM D2270*	211	<b>182</b>	157	157

## SAMPLE IMAGES

Color



Bottom



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.  
**Sample No.** : PC0076047 **Received** : 18 Dec 2023  
**Lab Number** : **02603882** **Diagnosed** : 20 Dec 2023  
**Unique Number** : 5696967 **Diagnostician** : Kevin Marson  
**Test Package** : IND 2 ( Additional Tests: KV100, PQ, PrtCount, TAN Man, VI )

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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 mtrudel@michaudville.com

T:  
 F: