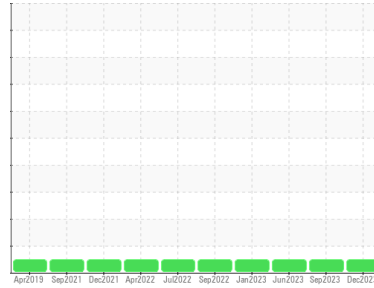


Area  
**MICHAUDVILLE**  
Machine Id  
**1227**  
Component  
**Transmission (Auto)**  
Fluid  
**TES SYN 295 (--- GAL)**



**DIAGNOSIS**

**Recommendation**  
Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TES SYN 295. 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 fluid.

**Fluid Condition**  
The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>PC0076041</b>	PC0082244	PC0075983
Sample Date	Client Info			<b>17 Dec 2023</b>	20 Sep 2023	20 Jun 2023
Machine Age	hrs	Client Info		<b>4324</b>	3825	3341
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed	Client Info			<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

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

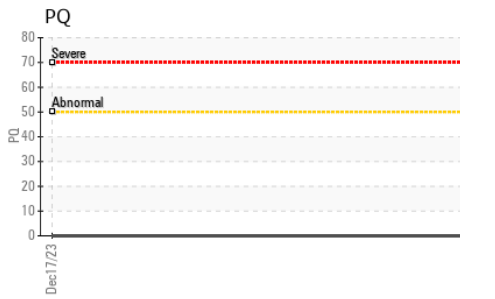
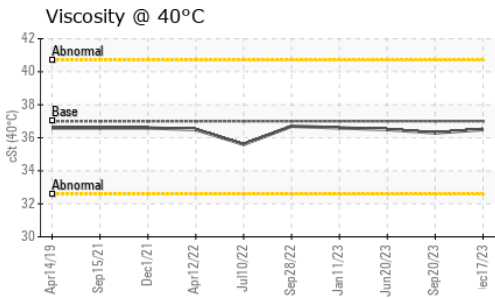
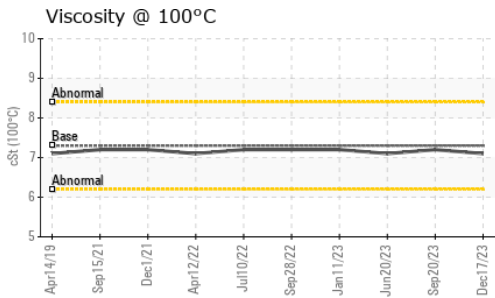
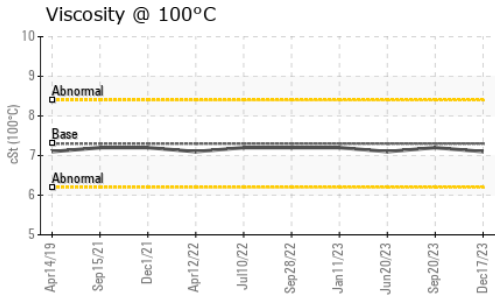
WEAR METALS		method	limit/base	current	history1	history2
PQ		ASTM D8184*	>50	<b>0</b>	---	---
Iron	ppm	ASTM D5185(m)	>160	<b>91</b>	85	44
Chromium	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	0
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>50	<b>52</b>	49	16
Lead	ppm	ASTM D5185(m)	>50	<b>50</b>	49	20
Copper	ppm	ASTM D5185(m)	>225	<b>18</b>	17	5
Tin	ppm	ASTM D5185(m)	>10	<b>5</b>	5	2
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)	85	<b>98</b>	93	52
Barium	ppm	ASTM D5185(m)	0	<b>1</b>	<1	<1
Molybdenum	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	1	<1
Manganese	ppm	ASTM D5185(m)	0	<b>2</b>	2	<1
Magnesium	ppm	ASTM D5185(m)	1	<b>&lt;1</b>	<1	<1
Calcium	ppm	ASTM D5185(m)	100	<b>45</b>	42	25
Phosphorus	ppm	ASTM D5185(m)	200	<b>269</b>	301	130
Zinc	ppm	ASTM D5185(m)	0	<b>6</b>	6	4
Sulfur	ppm	ASTM D5185(m)	1500	<b>686</b>	696	349
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>7</b>	7	4
Sodium	ppm	ASTM D5185(m)		<b>6</b>	8	4
Potassium	ppm	ASTM D5185(m)	>20	<b>4</b>	5	2

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	1.0	<b>1.26</b>	---	---

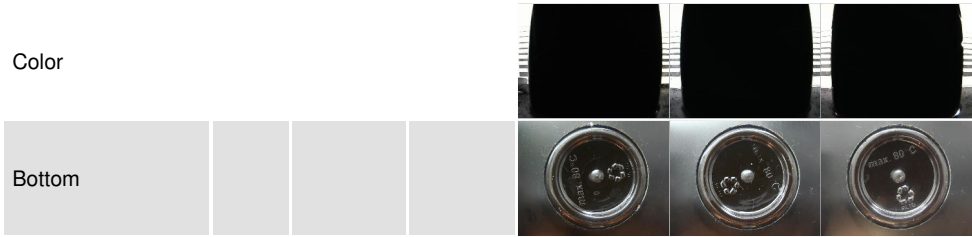
# OIL ANALYSIS REPORT



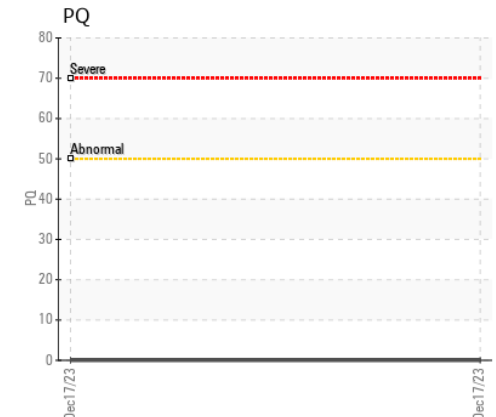
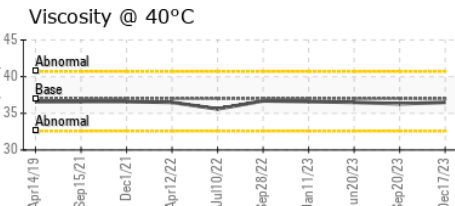
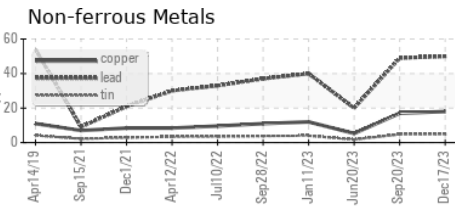
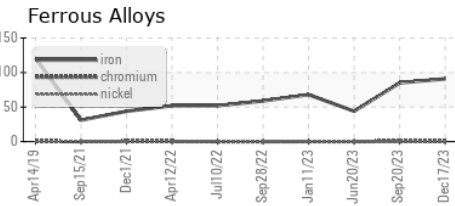
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	VLITE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	37.0	36.3	36.5
Visc @ 100°C	cSt	ASTM D7279(m)	7.3	7.2	7.1
Viscosity Index (VI)	Scale	ASTM D2270*	165	166	160

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.  
**Sample No.** : PC0076041 **Received** : 18 Dec 2023  
**Lab Number** : 02603883 **Diagnosed** : 19 Dec 2023  
**Unique Number** : 5696968 **Diagnostician** : Kevin Marson  
**Test Package** : IND 2 ( Additional Tests: KV100, 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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 MONT ST-HILAIRE, QC  
 CA J3H 0M6  
 Contact: Martin Trudel  
 mtrudel@michaudville.com