

Machine Id  
**1226**  
Component  
**Transmission (Manual)**  
Fluid  
**TES SYN 295 (--- GAL)**

**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) TES SYN 295. Please confirm. Please specify the component make and model with your next sample.

**WEAR**

Aluminum ppm levels are abnormal. Torque converter wear is indicated.

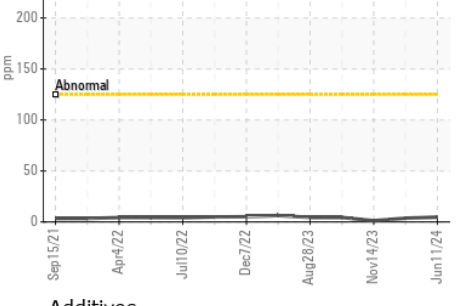
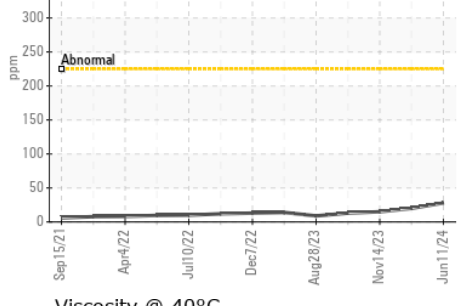
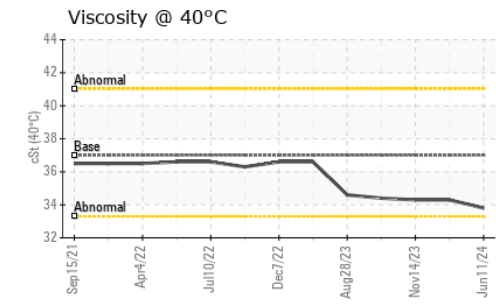
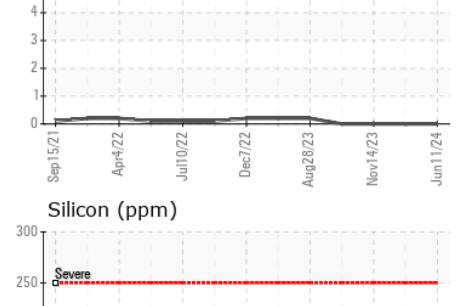
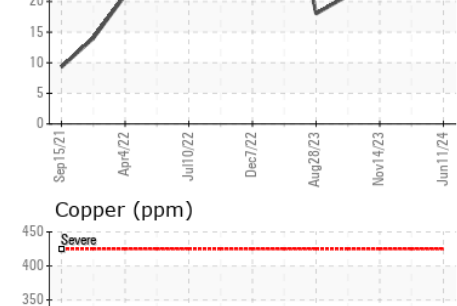
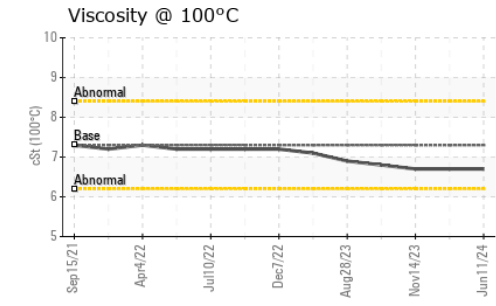
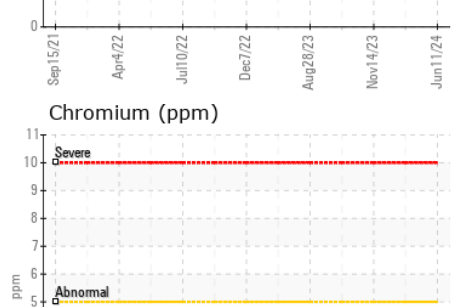
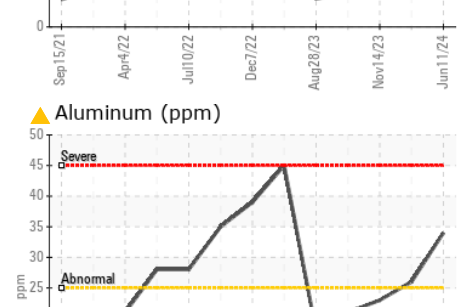
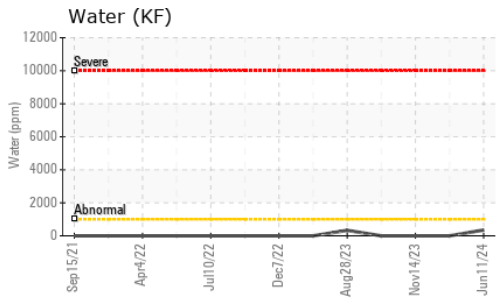
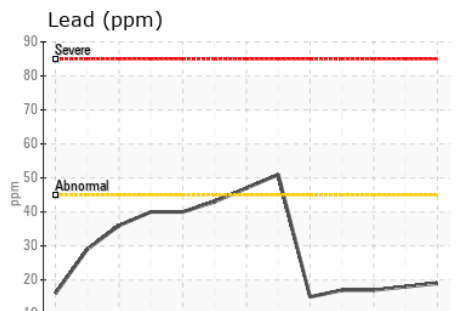
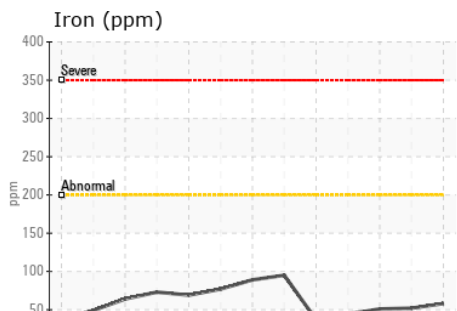
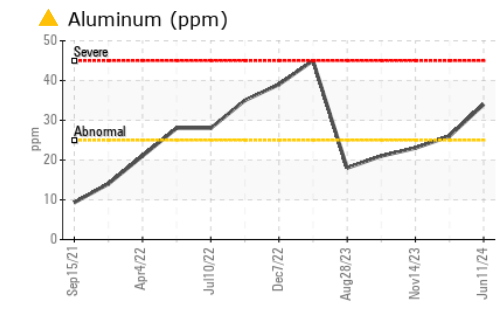
**CONTAMINATION**

The water content is negligible. There is no indication of any contamination in the fluid.

**FLUID CONDITION**

The fluid is no longer serviceable as a result of the abnormal and/or severe wear.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PC0084246</b>	PC0088504	PC0082608
Sample Date		Client Info		<b>11 Jun 2024</b>	20 Mar 2024	14 Nov 2023
Machine Age	hrs	Client Info		<b>5522</b>	5016	4550
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Filter Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>ABNORMAL</b>	NORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>200	<b>58</b>	52	51
Chromium	ppm	ASTM D5185(m)	>5	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>7	<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185(m)	>25	<b>▲ 34</b>	26	23
Lead	ppm	ASTM D5185(m)	>45	<b>19</b>	18	17
Copper	ppm	ASTM D5185(m)	>225	<b>28</b>	20	15
Tin	ppm	ASTM D5185(m)	>10	<b>4</b>	2	3
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>125	<b>5</b>	4	1
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	<1	<1
Water	%	ASTM D6304*	>0.1	<b>0.035</b>	---	---
ppm Water	ppm	ASTM D6304*	>1000	<b>351</b>	---	---
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>.5%</b>	NEG	NEG
Sodium	ppm	ASTM D5185(m)		<b>4</b>	4	2
Boron	ppm	ASTM D5185(m)	85	<b>76</b>	77	80
Barium	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	<1	<1
Molybdenum	ppm	ASTM D5185(m)	0	<b>0</b>	0	0
Manganese	ppm	ASTM D5185(m)	0	<b>1</b>	0	<1
Magnesium	ppm	ASTM D5185(m)	1	<b>1</b>	<1	<1
Calcium	ppm	ASTM D5185(m)	100	<b>101</b>	103	107
Phosphorus	ppm	ASTM D5185(m)	200	<b>230</b>	232	230
Zinc	ppm	ASTM D5185(m)	0	<b>5</b>	5	6
Sulfur	ppm	ASTM D5185(m)	1500	<b>1217</b>	1350	1227
Visc @ 40°C	cSt	ASTM D7279(m)	37.0	<b>33.8</b>	34.3	34.3
Visc @ 100°C	cSt	ASTM D7279(m)	7.3	<b>6.7</b>	6.7	6.7
Viscosity Index (VI)	Scale	ASTM D2270*	165	<b>159</b>	156	156



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0084246  
**Lab Number** : 02641467  
**Unique Number** : 5799006  
**Test Package** : MOB 1 ( Additional Tests: KF, KV100, VI )  
**Received** : 12 Jun 2024  
**Tested** : 13 Jun 2024  
**Diagnosed** : 13 Jun 2024 - Kevin Marson

**LES ENTREPRISES MICHAUDVILLE INC.**  
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 Contact: Martin Trudel  
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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.