

Area  
**MICHAUDVILLE**

Machine Id  
**5010**

Component  
**Transmission (Manual)**

Fluid  
**TDTO FLUID SAE 5W30 (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

**WEAR**

All component wear rates are normal.

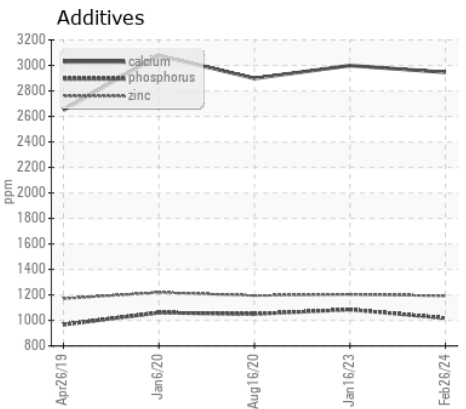
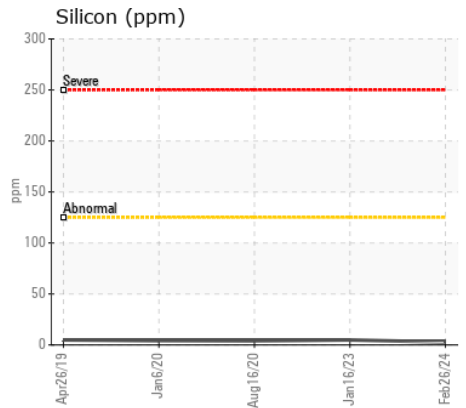
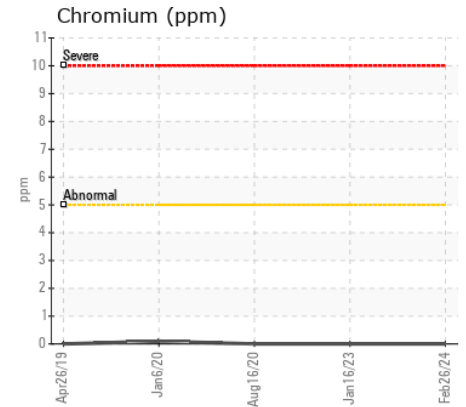
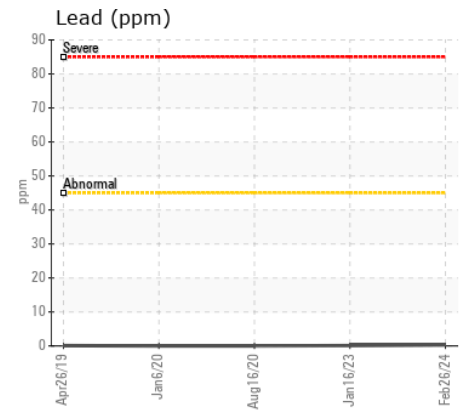
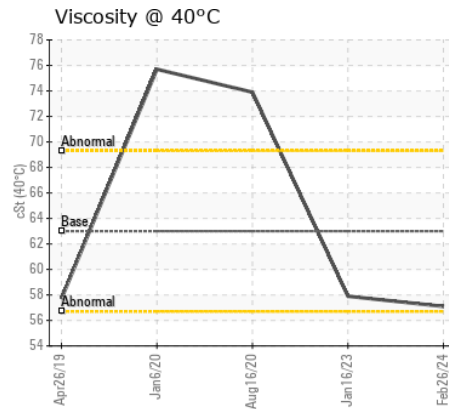
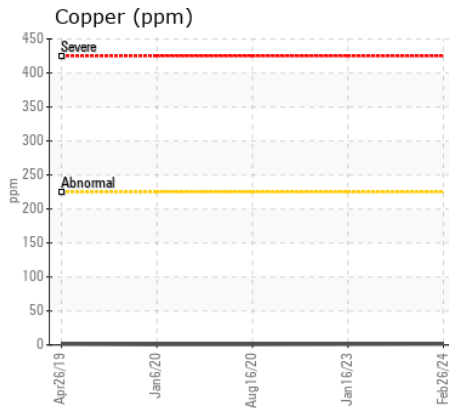
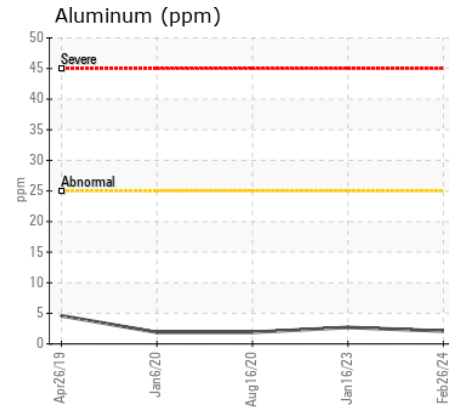
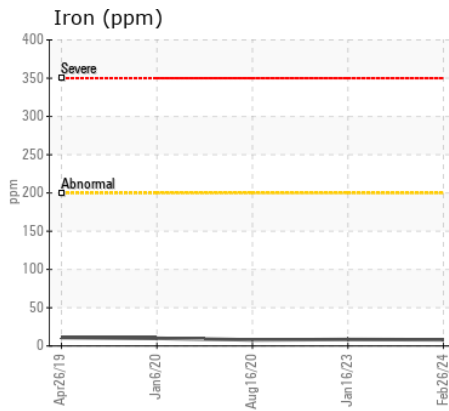
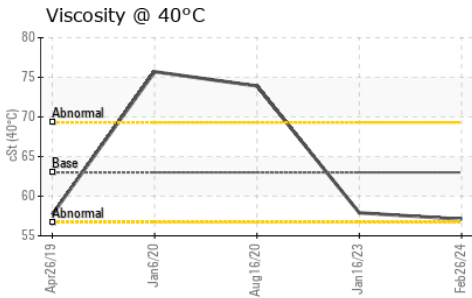
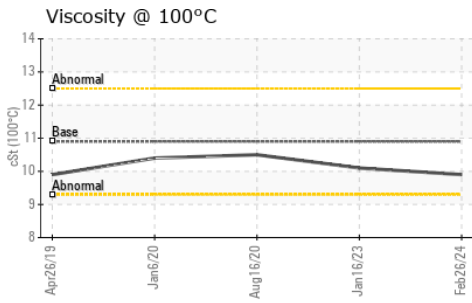
**CONTAMINATION**

There is no indication of any contamination in the fluid.

**FLUID CONDITION**

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PC0084432</b>	PC0057230	PC0034131
Sample Date		Client Info		<b>26 Feb 2024</b>	16 Jan 2023	16 Aug 2020
Machine Age	hrs	Client Info		<b>14524</b>	14015	12977
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	Not Changd
Filter Changed		Client Info		<b>N/A</b>	N/A	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>200	<b>8</b>	8	8
Chromium	ppm	ASTM D5185(m)	>5	<b>0</b>	0	0
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	0
Titanium	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Silver	ppm	ASTM D5185(m)	>7	<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	<b>2</b>	3	2
Lead	ppm	ASTM D5185(m)	>45	<b>&lt;1</b>	<1	0
Copper	ppm	ASTM D5185(m)	>225	<b>2</b>	1	<1
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
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>3</b>	5	4
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	1	2
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
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>	.2%	NEG
Sodium	ppm	ASTM D5185(m)		<b>2</b>	2	<1
Boron	ppm	ASTM D5185(m)	37	<b>2</b>	2	2
Barium	ppm	ASTM D5185(m)	7	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185(m)	5	<b>&lt;1</b>	1	3
Manganese	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Magnesium	ppm	ASTM D5185(m)	40	<b>20</b>	23	48
Calcium	ppm	ASTM D5185(m)	2650	<b>2946</b>	2999	2898
Phosphorus	ppm	ASTM D5185(m)	1050	<b>1018</b>	1085	1050
Zinc	ppm	ASTM D5185(m)	1075	<b>1193</b>	1204	1195
Sulfur	ppm	ASTM D5185(m)	5750	<b>4413</b>	4274	3849
Visc @ 40°C	cSt	ASTM D7279(m)	63	<b>57.1</b>	57.9	73.9
Visc @ 100°C	cSt	ASTM D7279(m)	10.9	<b>9.9</b>	10.1	10.5
Viscosity Index (VI)	Scale	ASTM D2270*	165	<b>160</b>	162	127



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0084432  
**Lab Number** : 02618425  
**Unique Number** : 5735535  
**Test Package** : MOB 1 ( Additional Tests: KV100, VI )

**LES ENTREPRISES MICHAUDVILLE INC.**  
 270 RUE BRUNET  
 MONT ST-HILAIRE, QC  
 CA J3H 0M6  
 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.

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F: