

Area  
**MICHAUDVILLE**

Machine Id  
**1597**  
Component  
**Transmission (Manual)**  
Fluid  
**{not provided} (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

**WEAR**

All component wear rates are normal.

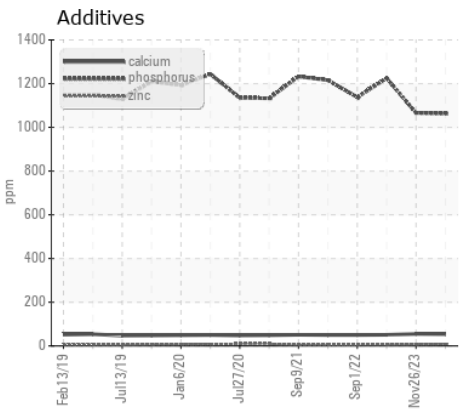
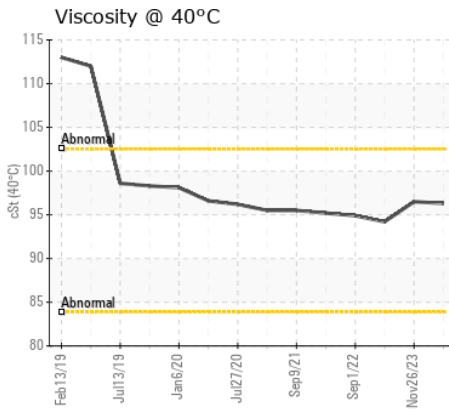
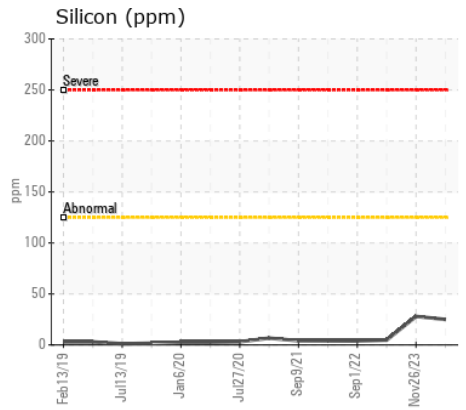
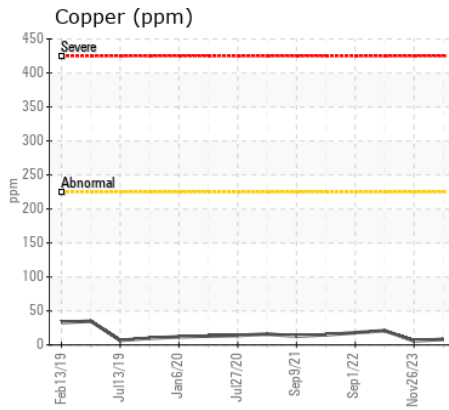
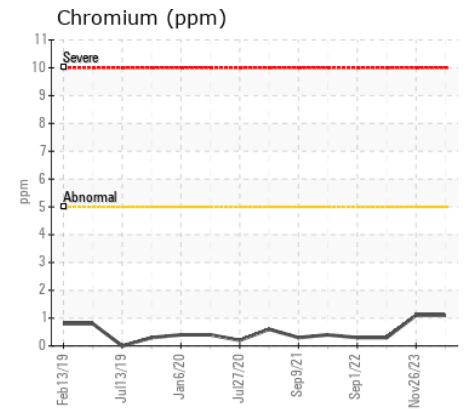
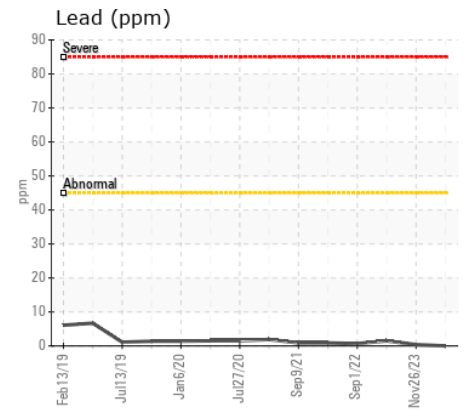
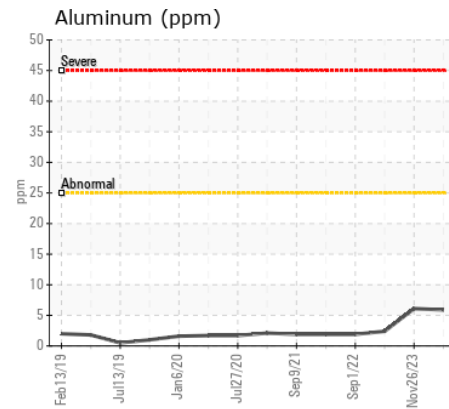
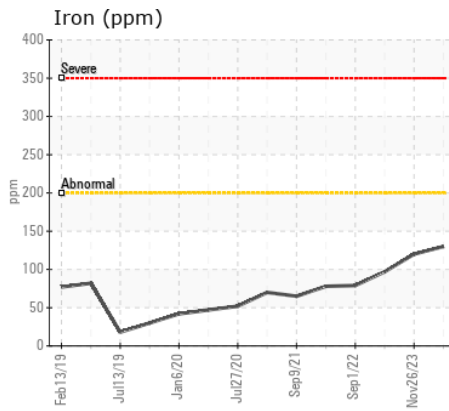
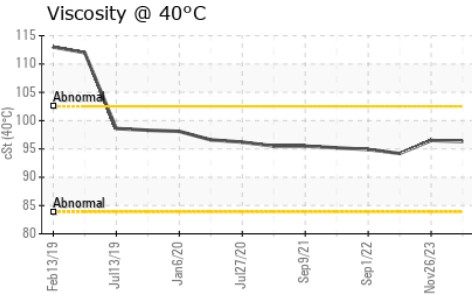
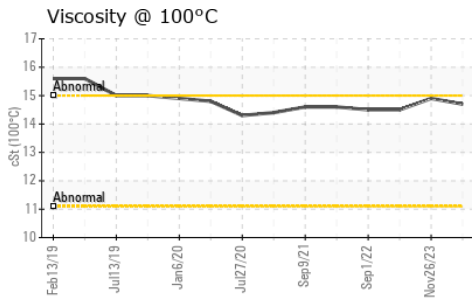
**CONTAMINATION**

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>PC0088536</b>	PC0082468	PC0067153
Sample Date		Client Info		<b>03 Apr 2024</b>	26 Nov 2023	17 Nov 2022
Machine Age	hrs	Client Info		<b>24169</b>	23703	12720
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>NORMAL</b>	NORMAL	NORMAL
Iron	ppm	ASTM D5185(m)	>200	<b>130</b>	120	97
Chromium	ppm	ASTM D5185(m)	>5	<b>1</b>	1	<1
Nickel	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>1</b>	<1	<1
Silver	ppm	ASTM D5185(m)	>7	<b>0</b>	<1	<1
Aluminum	ppm	ASTM D5185(m)	>25	<b>6</b>	6	2
Lead	ppm	ASTM D5185(m)	>45	<b>0</b>	<1	2
Copper	ppm	ASTM D5185(m)	>225	<b>8</b>	6	21
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	<1
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	LIGHT
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>125	<b>25</b>	28	5
Potassium	ppm	ASTM D5185(m)	>20	<b>93</b>	89	<1
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>VLITE</b>	VLITE	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	VLITE	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
Sodium	ppm	ASTM D5185(m)		<b>13</b>	13	4
Boron	ppm	ASTM D5185(m)		<b>325</b>	317	258
Barium	ppm	ASTM D5185(m)		<b>4</b>	4	0
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	0	<1
Manganese	ppm	ASTM D5185(m)		<b>4</b>	4	2
Magnesium	ppm	ASTM D5185(m)		<b>4</b>	4	1
Calcium	ppm	ASTM D5185(m)		<b>54</b>	55	51
Phosphorus	ppm	ASTM D5185(m)		<b>1063</b>	1066	1225
Zinc	ppm	ASTM D5185(m)		<b>9</b>	7	6
Sulfur	ppm	ASTM D5185(m)		<b>628</b>	627	395
Visc @ 40°C	cSt	ASTM D7279(m)		<b>96.3</b>	96.5	94.2
Visc @ 100°C	cSt	ASTM D7279(m)		<b>14.7</b>	14.9	14.5
Viscosity Index (VI)	Scale	ASTM D2270*		<b>159</b>	161	159



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0088536  
**Lab Number** : 02626687  
**Unique Number** : 5759819  
**Test Package** : MOB 1 ( Additional Tests: KV100, VI)  
**Received** : 04 Apr 2024  
**Tested** : 04 Apr 2024  
**Diagnosed** : 04 Apr 2024 - Wes Davis

**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.