

Area  
**MICHAUDVILLE**  
Machine Id  
**5037**  
Component  
**Rear Differential**  
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.

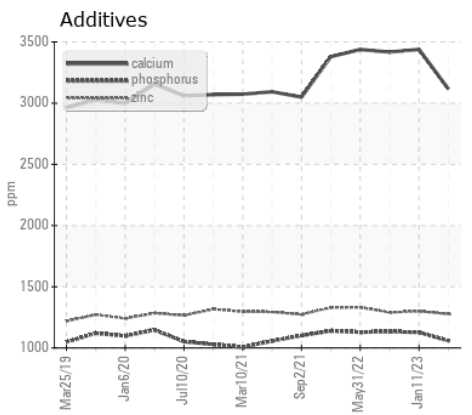
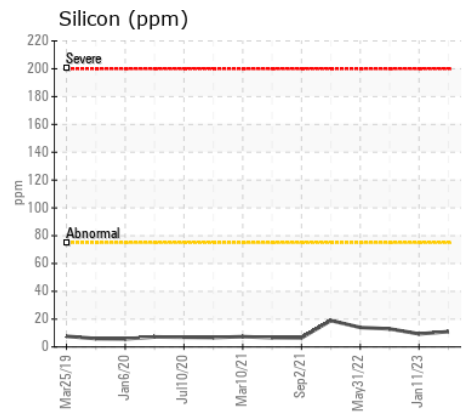
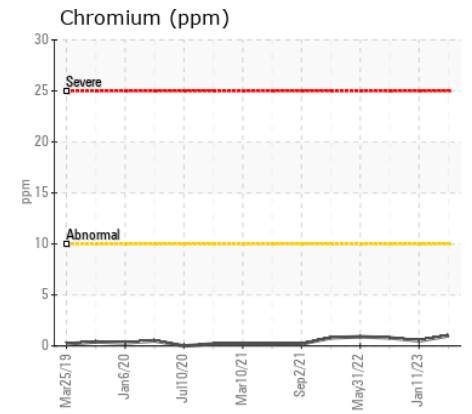
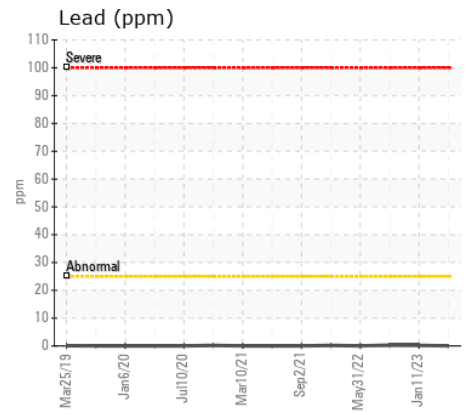
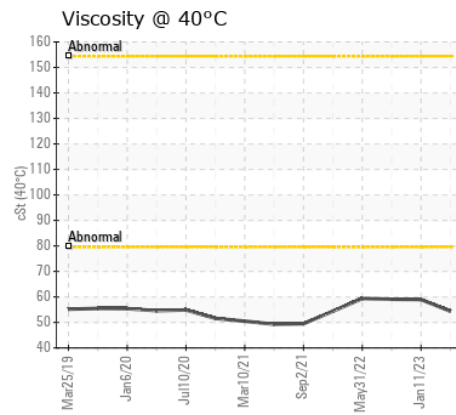
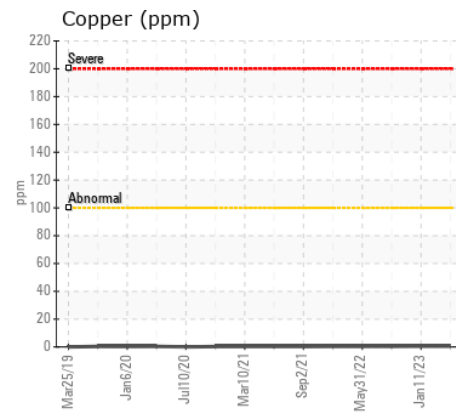
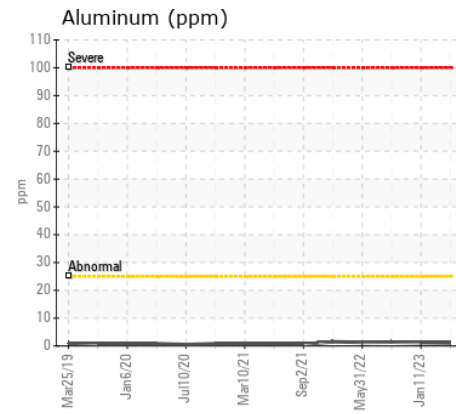
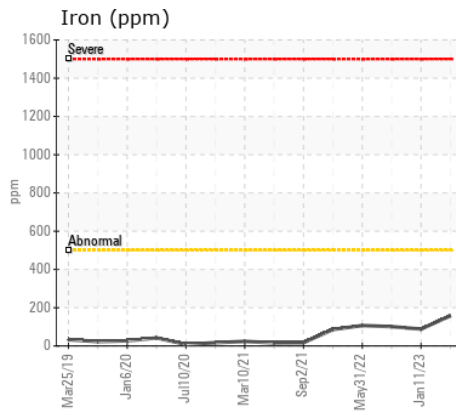
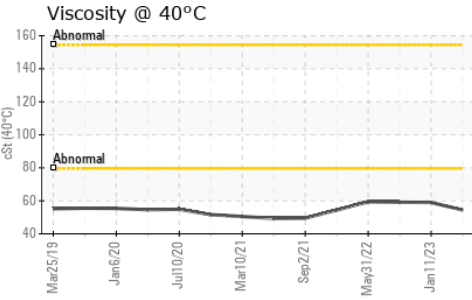
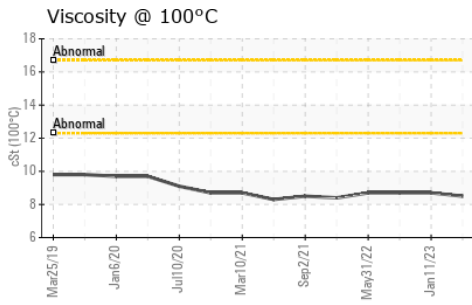
**CONTAMINATION**

There is no indication of any contamination in the oil.

**FLUID CONDITION**

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PC0083202</b>	PC0067258	PC0064595
Sample Date		Client Info		<b>23 Apr 2024</b>	11 Jan 2023	16 Oct 2022
Machine Age	hrs	Client Info		<b>11876</b>	10555	9616
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)	>500	<b>158</b>	88	101
Chromium	ppm	ASTM D5185(m)	>10	<b>1</b>	<1	<1
Nickel	ppm	ASTM D5185(m)	>10	<b>2</b>	1	2
Titanium	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Silver	ppm	ASTM D5185(m)		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185(m)	>25	<b>1</b>	1	1
Lead	ppm	ASTM D5185(m)	>25	<b>0</b>	<1	<1
Copper	ppm	ASTM D5185(m)	>100	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>VLITE</b>	NONE	VLITE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>75	<b>11</b>	9	13
Potassium	ppm	ASTM D5185(m)	>20	<b>&lt;1</b>	1	1
Water		WC Method	>.2	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>VLITE</b>	LIGHT	NONE
Debris	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	NONE	VLITE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>.2	<b>NEG</b>	NEG	NEG
Sodium	ppm	ASTM D5185(m)		<b>4</b>	6	6
Boron	ppm	ASTM D5185(m)		<b>80</b>	70	72
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	0	0
Molybdenum	ppm	ASTM D5185(m)		<b>8</b>	<1	<1
Manganese	ppm	ASTM D5185(m)		<b>2</b>	1	1
Magnesium	ppm	ASTM D5185(m)		<b>147</b>	18	19
Calcium	ppm	ASTM D5185(m)		<b>3116</b>	3439	3417
Phosphorus	ppm	ASTM D5185(m)		<b>1058</b>	1127	1134
Zinc	ppm	ASTM D5185(m)		<b>1277</b>	1300	1290
Sulfur	ppm	ASTM D5185(m)		<b>2879</b>	4400	4345
Visc @ 40°C	cSt	ASTM D7279(m)		<b>54.4</b>	59.0	59.1
Visc @ 100°C	cSt	ASTM D7279(m)		<b>8.5</b>	8.7	8.7
Viscosity Index (VI)	Scale	ASTM D2270*		<b>130</b>	121	121



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0083202  
**Lab Number** : 02631210  
**Unique Number** : 5772363  
**Test Package** : MOB 1 ( Additional Tests: KV100, VI)

**LES ENTREPRISES MICHAUVILLE 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: