

Area  
**MICHAUDVILLE**

Machine Id  
**1598**

Component  
**Transmission (Manual)**

Fluid  
**GEAR OIL SAE 75W90 (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm.  
Please specify the component make and model with your next sample.

**WEAR**

All component wear rates are normal.

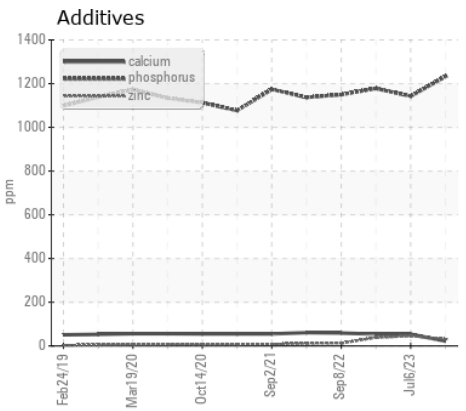
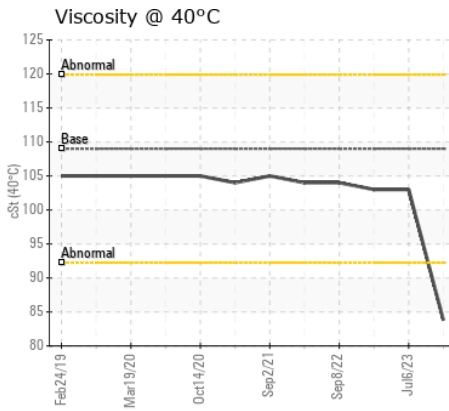
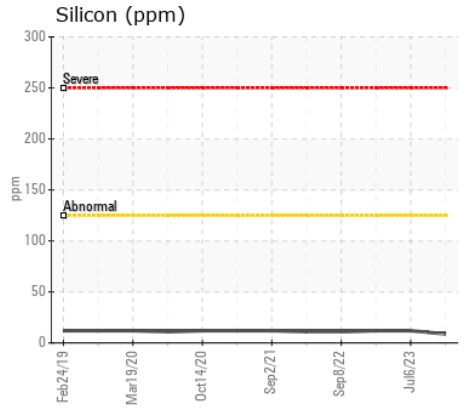
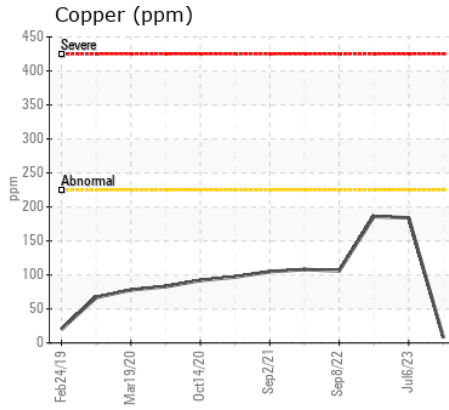
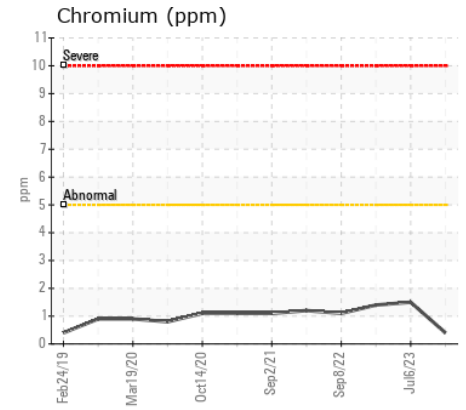
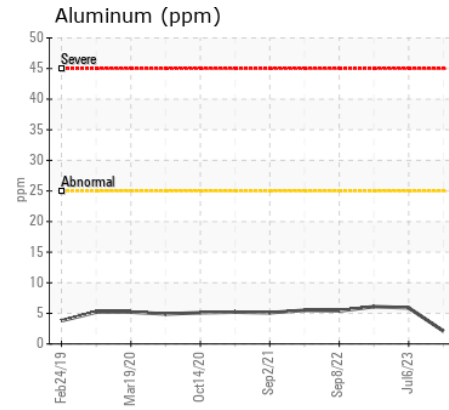
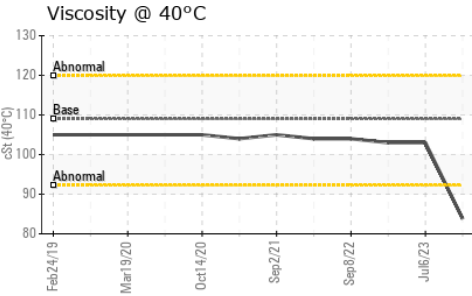
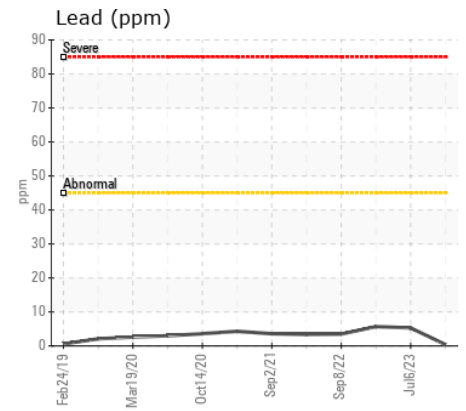
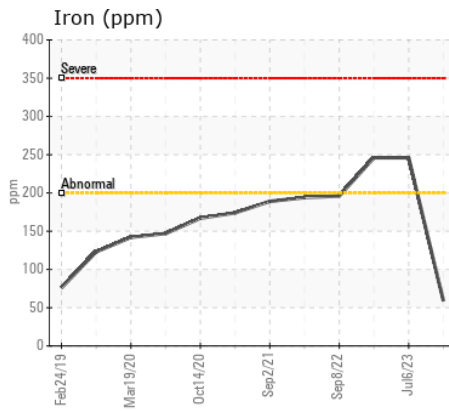
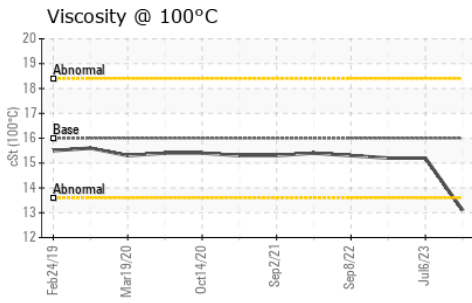
**CONTAMINATION**

There is no indication of any contamination in the fluid.

**FLUID CONDITION**

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PC0084348</b>	PC0075986	PC0072334
Sample Date		Client Info		<b>28 Feb 2024</b>	06 Jul 2023	10 May 2023
Machine Age	hrs	Client Info		<b>26188</b>	25561	25293
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>	ABNORMAL	ABNORMAL
Iron	ppm	ASTM D5185(m)	>200	<b>59</b>	▲ 246	▲ 246
Chromium	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	2	1
Nickel	ppm	ASTM D5185(m)	>5	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	<1	<1
Silver	ppm	ASTM D5185(m)	>7	<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	<b>2</b>	6	6
Lead	ppm	ASTM D5185(m)	>45	<b>&lt;1</b>	5	6
Copper	ppm	ASTM D5185(m)	>225	<b>8</b>	184	186
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>9</b>	12	12
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	7	7
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>	NEG	NEG
Sodium	ppm	ASTM D5185(m)		<b>4</b>	15	15
Boron	ppm	ASTM D5185(m)	400	<b>272</b>	195	208
Barium	ppm	ASTM D5185(m)	200	<b>&lt;1</b>	1	<1
Molybdenum	ppm	ASTM D5185(m)	12	<b>&lt;1</b>	22	23
Manganese	ppm	ASTM D5185(m)		<b>8</b>	6	6
Magnesium	ppm	ASTM D5185(m)	12	<b>3</b>	6	5
Calcium	ppm	ASTM D5185(m)	150	<b>22</b>	54	54
Phosphorus	ppm	ASTM D5185(m)	1650	<b>1233</b>	1143	1178
Zinc	ppm	ASTM D5185(m)	125	<b>32</b>	45	38
Sulfur	ppm	ASTM D5185(m)	22500	<b>19788</b>	740	797
Visc @ 40°C	cSt	ASTM D7279(m)	109	<b>83.8</b>	103	103
Visc @ 100°C	cSt	ASTM D7279(m)	16.0	<b>13.1</b>	15.2	15.2
Viscosity Index (VI)	Scale	ASTM D2270*	157	<b>157</b>	155	155



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0084348  
**Lab Number** : 02618988  
**Unique Number** : 5736098  
**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: