

Area  
**MICHAUDVILLE**

Machine Id  
**F55064**

Component  
**Swing Drive**

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.

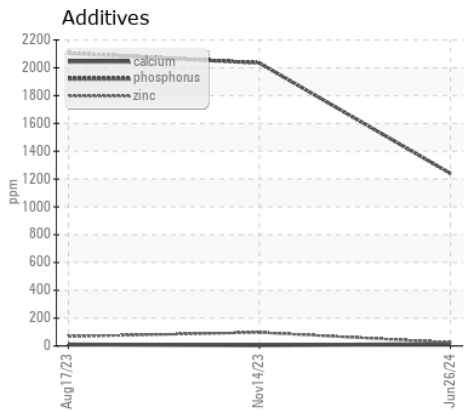
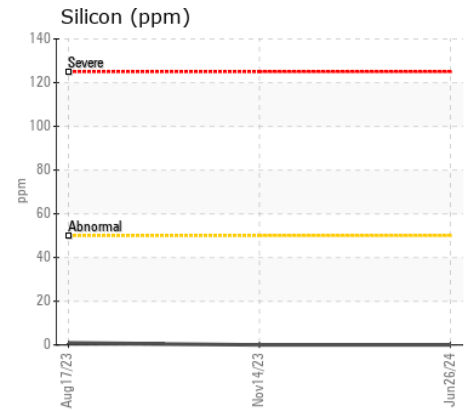
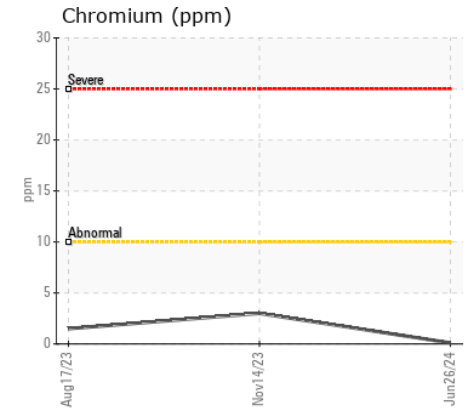
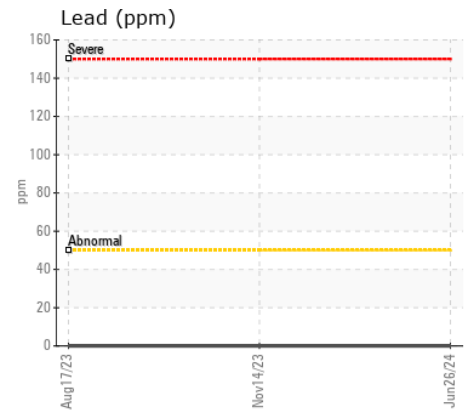
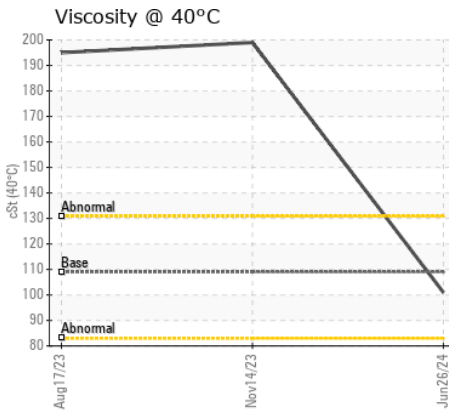
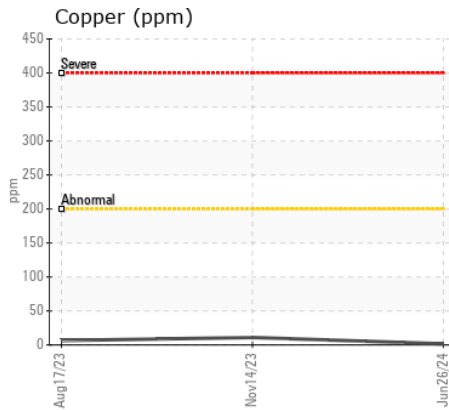
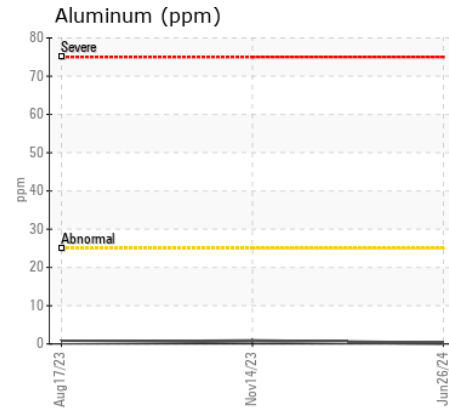
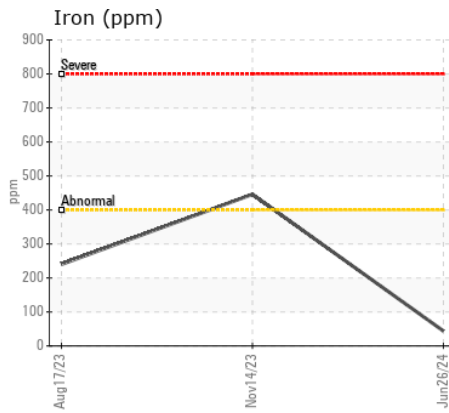
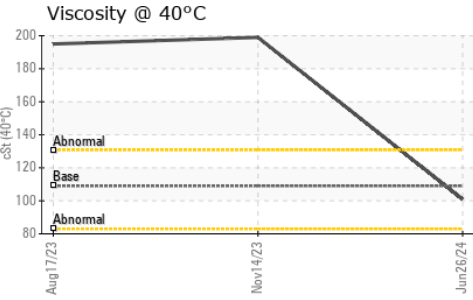
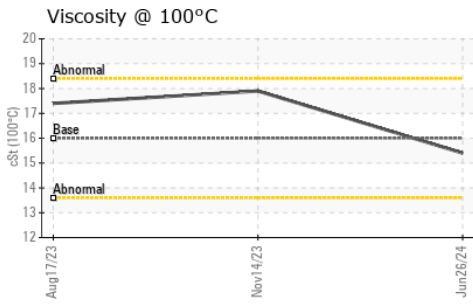
**CONTAMINATION**

There is no indication of any contamination in the 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>PC0084305</b>	PC0082366	PC0077466
Sample Date		Client Info		<b>26 Jun 2024</b>	14 Nov 2023	17 Aug 2023
Machine Age	hrs	Client Info		<b>3760</b>	3250	2792
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	NORMAL
Iron	ppm	ASTM D5185(m)	>400	<b>44</b>	▲ 446	240
Chromium	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	3	2
Nickel	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)		<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m)	>25	<b>&lt;1</b>	<1	<1
Lead	ppm	ASTM D5185(m)	>50	<b>0</b>	0	0
Copper	ppm	ASTM D5185(m)	>200	<b>2</b>	11	6
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>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185(m)	>50	<b>0</b>	0	1
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	0	<1
Water		WC Method	>0.2	<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>VLITE</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*	>0.2	<b>NEG</b>	NEG	NEG
Sodium	ppm	ASTM D5185(m)		<b>2</b>	<1	2
Boron	ppm	ASTM D5185(m)	400	<b>276</b>	1	2
Barium	ppm	ASTM D5185(m)	200	<b>0</b>	<1	<1
Molybdenum	ppm	ASTM D5185(m)	12	<b>0</b>	0	0
Manganese	ppm	ASTM D5185(m)		<b>&lt;1</b>	4	2
Magnesium	ppm	ASTM D5185(m)	12	<b>3</b>	1	1
Calcium	ppm	ASTM D5185(m)	150	<b>16</b>	5	12
Phosphorus	ppm	ASTM D5185(m)	1650	<b>1240</b>	2034	2105
Zinc	ppm	ASTM D5185(m)	125	<b>25</b>	97	68
Sulfur	ppm	ASTM D5185(m)	22500	<b>19885</b>	23760	24588
Visc @ 40°C	cSt	ASTM D7279(m)	109	<b>101</b>	199	195
Visc @ 100°C	cSt	ASTM D7279(m)	16.0	<b>15.4</b>	17.9	17.4
Viscosity Index (VI)	Scale	ASTM D2270*	157	<b>161</b>	97	95



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0084305  
**Lab Number** : 02644395  
**Unique Number** : 5801934  
**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@michauville.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.

T:  
F: