

Machine Id  
**F90212**  
Component  
**Compressor**  
Fluid  
**{not provided} (--- GAL)**

**RECOMMENDATION**

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PC0072154</b>	---	---
Sample Date		Client Info		<b>07 Jan 2024</b>	---	---
Machine Age	hrs	Client Info		<b>949</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Filter Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>N/A</b>	---	---
Filter Changed		Client Info		<b>N/A</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

**WEAR**

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>50	<b>2</b>	---	---
Chromium	ppm	ASTM D5185(m)	>5	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m)	>65	<b>&lt;1</b>	---	---
Copper	ppm	ASTM D5185(m)	>65	<b>&lt;1</b>	---	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---

**CONTAMINATION**

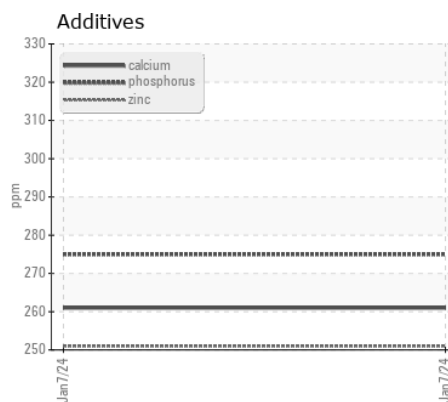
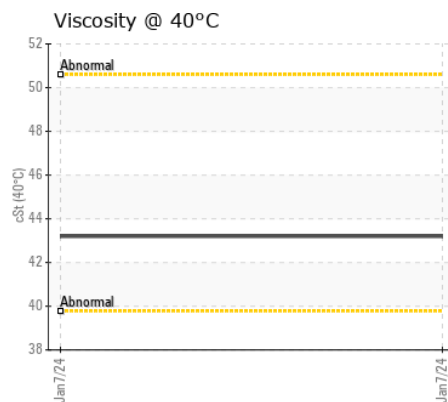
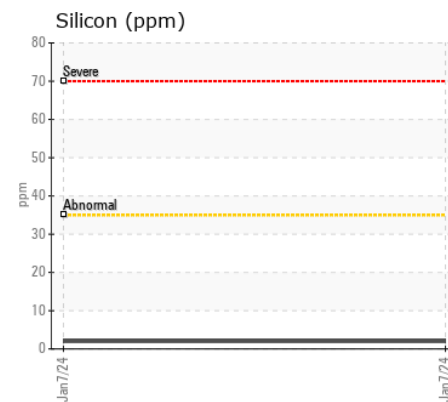
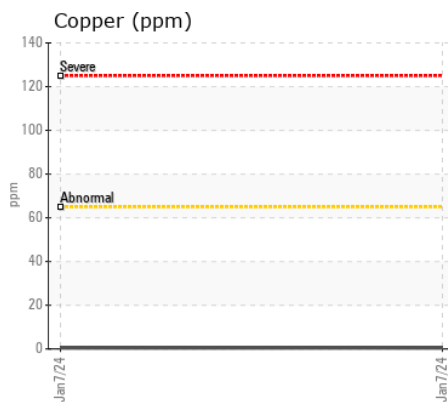
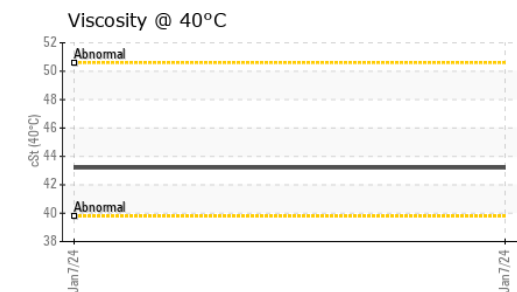
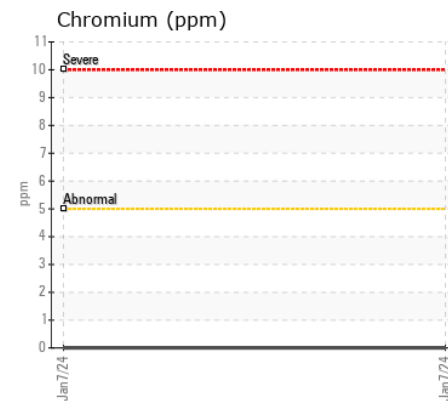
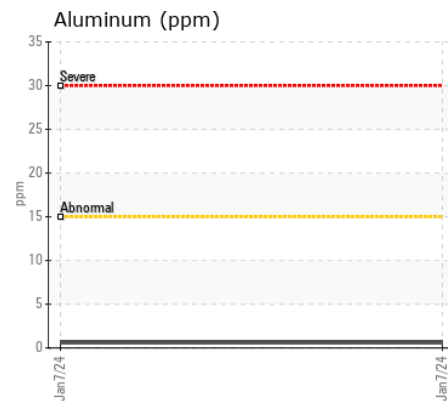
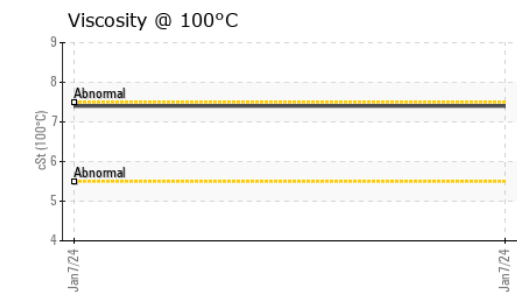
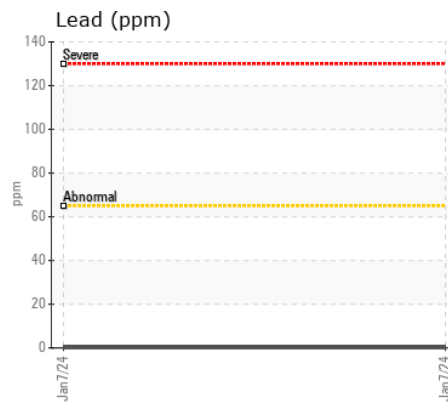
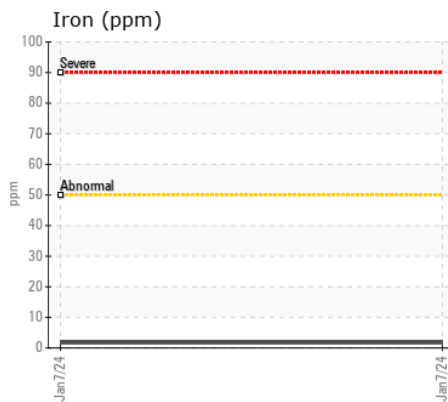
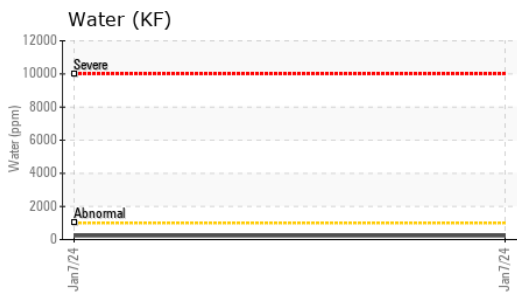
The water content is negligible. There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>35	<b>2</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>3</b>	---	---
Water	%	ASTM D6304*	>0.1	<b>0.023</b>	---	---
ppm Water	ppm	ASTM D6304*	>1000	<b>232</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	Visual*	>0.1	<b>.2%</b>	---	---

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185(m)		<b>3</b>	---	---
Boron	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Barium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m)		<b>9</b>	---	---
Calcium	ppm	ASTM D5185(m)		<b>261</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>275</b>	---	---
Zinc	ppm	ASTM D5185(m)		<b>251</b>	---	---
Sulfur	ppm	ASTM D5185(m)		<b>834</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)		<b>43.2</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)		<b>7.4</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*		<b>136</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUVILLE INC.  
**Sample No.** : PC0072154 **Received** : 08 Jan 2024 270 RUE BRUNET  
**Lab Number** : 02607073 **Diagnosed** : 09 Jan 2024 MONT ST-HILAIRE, QC  
**Unique Number** : 5708159 **Diagnostician** : Wes Davis CA J3H 0M6  
**Test Package** : MOB 1 ( Additional Tests: KF, KV100, VI ) Contact: Martin Trudel  
 mtrudel@michaudville.com

To discuss this sample report, contact Customer Service at 1-800-268-2131. T:  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. F:  
 Validity of results and interpretation are based on the sample and information as supplied.