



Machine Id  
**40101**  
 Component  
**Hydraulic System**  
 Fluid  
**{not provided} (--- GAL)**

**RECOMMENDATION**

We advise that you check for visible metal particles in the oil. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. 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. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid.

**WEAR**

Light concentration of visible metal present.

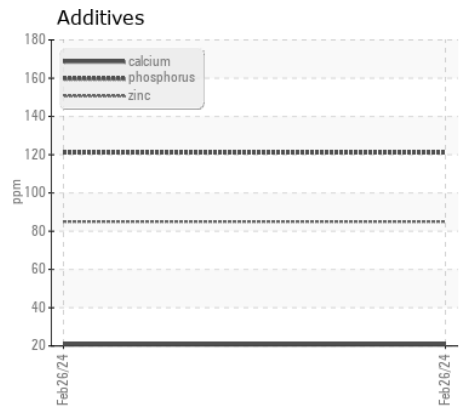
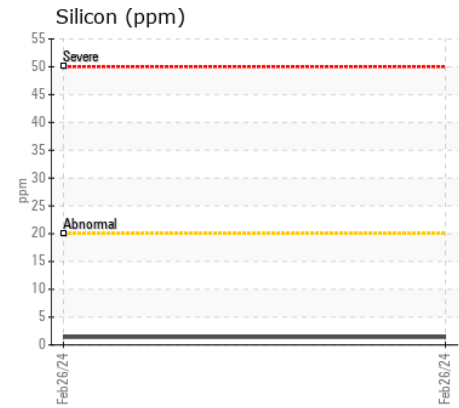
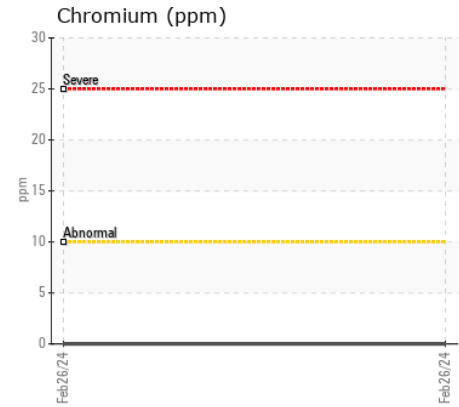
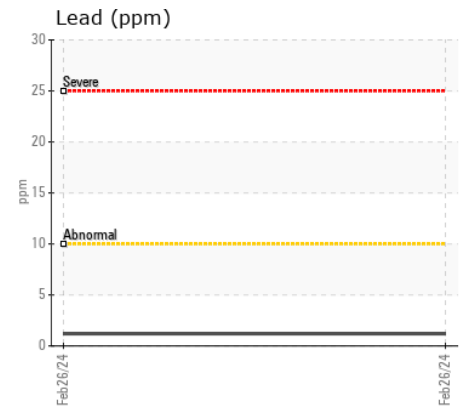
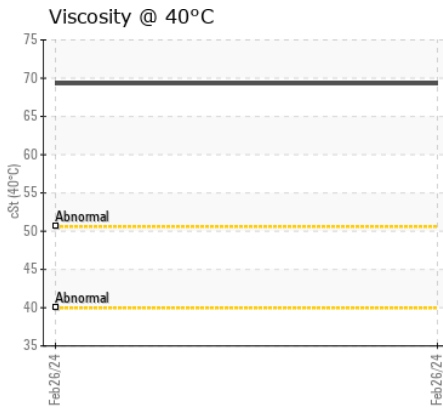
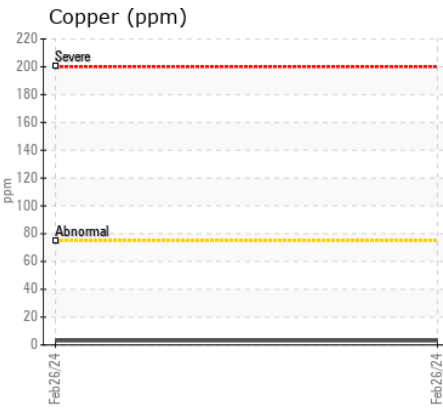
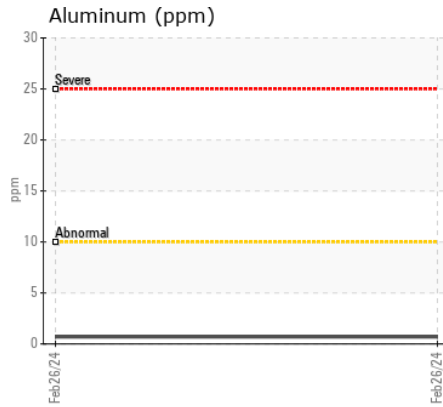
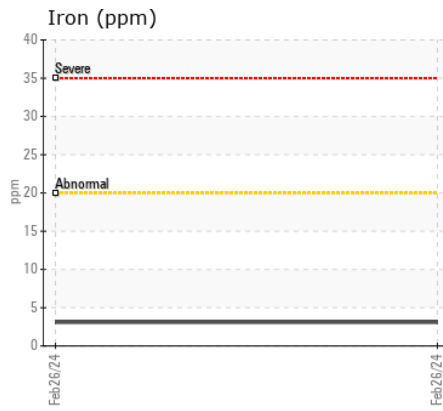
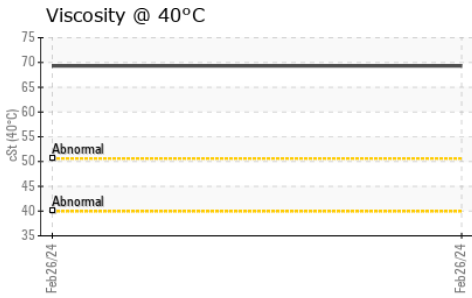
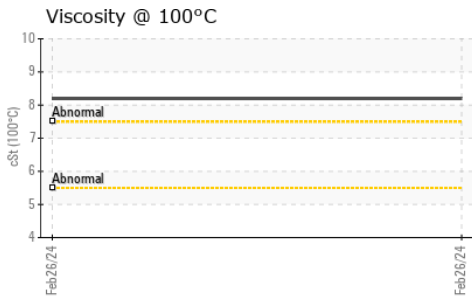
**CONTAMINATION**

There is no indication of any contamination in the component(unconfirmed).

**FLUID CONDITION**

Viscosity of sample indicates oil is within ISO 68 range, advise investigate. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PC0064494</b>	---	---
Sample Date		Client Info		<b>26 Feb 2024</b>	---	---
Machine Age	hrs	Client Info		<b>6032</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>MARGINAL</b>	---	---
Iron	ppm	ASTM D5185(m)	>20	<b>3</b>	---	---
Chromium	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m)	>10	<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)	>10	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m)	>10	<b>1</b>	---	---
Copper	ppm	ASTM D5185(m)	>75	<b>3</b>	---	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
White Metal	scalar	Visual*	NONE	<b>▲ VLITE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Silicon	ppm	ASTM D5185(m)	>20	<b>1</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>1</b>	---	---
Water		WC Method	>0.1	<b>NEG</b>	---	---
Silt	scalar	Visual*	NONE	<b>NONE</b>	---	---
Debris	scalar	Visual*	NONE	<b>NONE</b>	---	---
Sand/Dirt	scalar	Visual*	NONE	<b>VLITE</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Boron	ppm	ASTM D5185(m)		<b>2</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>5</b>	---	---
Calcium	ppm	ASTM D5185(m)		<b>21</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>121</b>	---	---
Zinc	ppm	ASTM D5185(m)		<b>85</b>	---	---
Sulfur	ppm	ASTM D5185(m)		<b>2534</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)		<b>69.3</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)		<b>8.2</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*		<b>82</b>	---	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

**Sample No.** : PC0064494

**Lab Number** : 02618406

**Unique Number** : 5735516

**Test Package** : MOB 1 ( Additional Tests: Bottom, BottomAnalysis, FilterPatch, KV100, VI )

**Received** : 27 Feb 2024

**Tested** : 28 Feb 2024

**Diagnosed** : 28 Feb 2024 - Kevin Marson

**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.

T:

F: