

Machine Id  
**1521**  
Component  
**Hydraulic System**  
Fluid  
**{not provided} (--- GAL)**

**RECOMMENDATION**

Little or no information is provided as to the component and lubricant being tested. Recommendations are therefore generic in nature and may not apply to the current application. Please forward information as to equipment type, reservoir capacity, lubricant type and any pertinent information to allow for a more accurate assessment. 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. Please provide more complete information 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**

Iron ppm levels are noted. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. All other component wear rates are normal.

**CONTAMINATION**

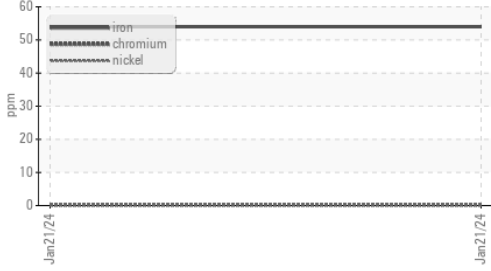
The water content is negligible. There is no indication of any contamination in the component(unconfirmed).

**FLUID CONDITION**

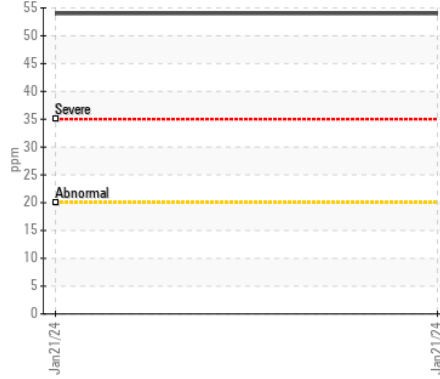
The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PC0083705</b>	---	---
Sample Date		Client Info		<b>21 Jan 2024</b>	---	---
Machine Age	hrs	Client Info		<b>2916</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>ATTENTION</b>	---	---
PQ		ASTM D8184*		<b>8</b>	---	---
Iron	ppm	ASTM D5185(m)	>20	<b>▲ 54</b>	---	---
Chromium	ppm	ASTM D5185(m)	>10	<b>&lt;1</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>2</b>	---	---
Lead	ppm	ASTM D5185(m)	>10	<b>1</b>	---	---
Copper	ppm	ASTM D5185(m)	>75	<b>8</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>	---	---
Silicon	ppm	ASTM D5185(m)	>20	<b>6</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>2</b>	---	---
Water	%	ASTM D6304*	>0.1	<b>0.040</b>	---	---
ppm Water	ppm	ASTM D6304*	>1000	<b>403</b>	---	---
Silt	scalar	Visual*	NONE	<b>VLITE</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>.5%</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>4</b>	---	---
Boron	ppm	ASTM D5185(m)		<b>4</b>	---	---
Barium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>7</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Magnesium	ppm	ASTM D5185(m)		<b>69</b>	---	---
Calcium	ppm	ASTM D5185(m)		<b>975</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>542</b>	---	---
Zinc	ppm	ASTM D5185(m)		<b>631</b>	---	---
Sulfur	ppm	ASTM D5185(m)		<b>2597</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)		<b>38.1</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)		<b>6.8</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*		<b>137</b>	---	---

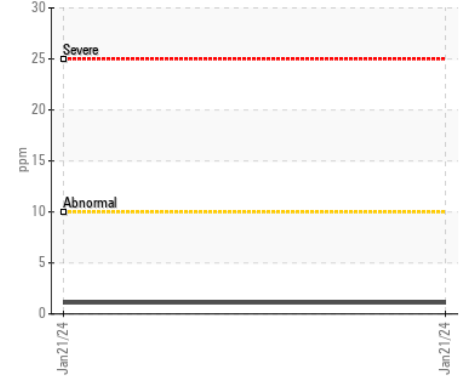
▲ Ferrous Alloys



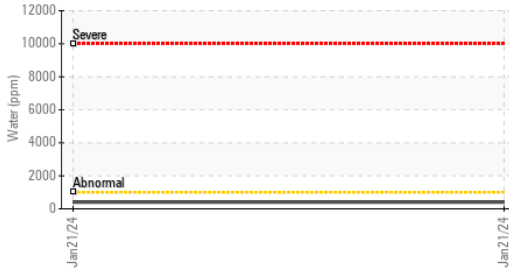
▲ Iron (ppm)



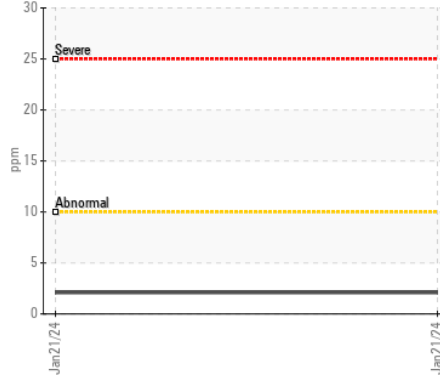
▲ Lead (ppm)



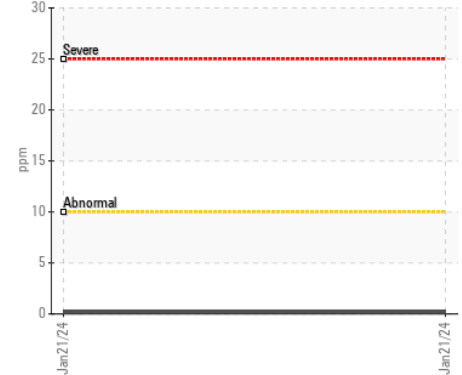
Water (KF)



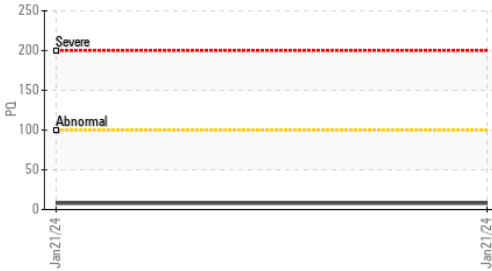
Aluminum (ppm)



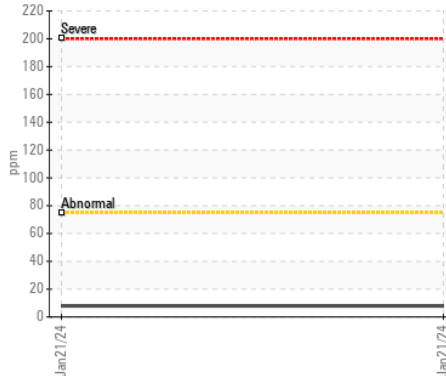
Chromium (ppm)



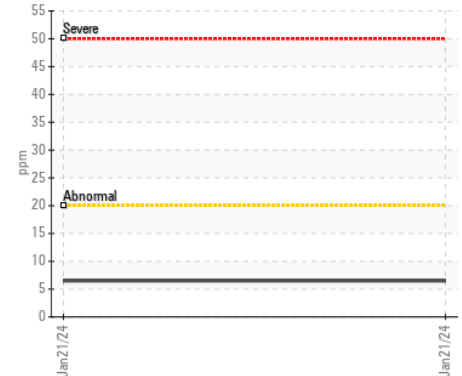
PQ



Copper (ppm)



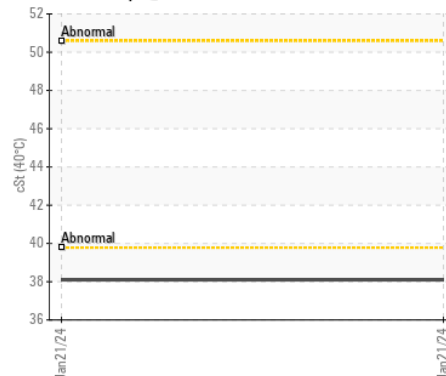
Silicon (ppm)



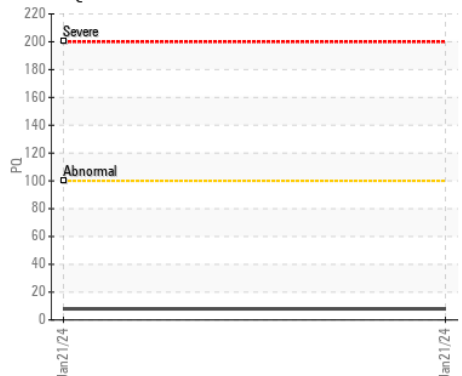
Viscosity @ 100°C



Viscosity @ 40°C



PQ



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 LES ENTREPRISES MICHAUDVILLE INC.  
**Sample No.** : PC0083705 **Received** : 22 Jan 2024 270 RUE BRUNET  
**Lab Number** : 02610300 **Diagnosed** : 23 Jan 2024 MONT ST-HILAIRE, QC  
**Unique Number** : 5711386 **Diagnostician** : Kevin Marson CA J3H 0M6  
**Test Package** : MOB 1 ( Additional Tests: KF, KV100, PQ, VI ) Contact: Martin Trudel

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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 T:  
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