



WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**MAINTOU NO UNIT PC0075947**

Component  
**Front Right Planetary**

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>PC0075947</b>	---	---
Sample Date		Client Info		<b>14 May 2024</b>	---	---
Machine Age	hrs	Client Info		<b>2786</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.

PQ		ASTM D8184*		<b>211</b>	---	---
Iron	ppm	ASTM D5185(m)	>150	<b>246</b>	---	---
Chromium	ppm	ASTM D5185(m)	>10	<b>2</b>	---	---
Nickel	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>25	<b>2</b>	---	---
Lead	ppm	ASTM D5185(m)	>100	<b>5</b>	---	---
Copper	ppm	ASTM D5185(m)	>50	<b>238</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>	---	---

**CONTAMINATION**

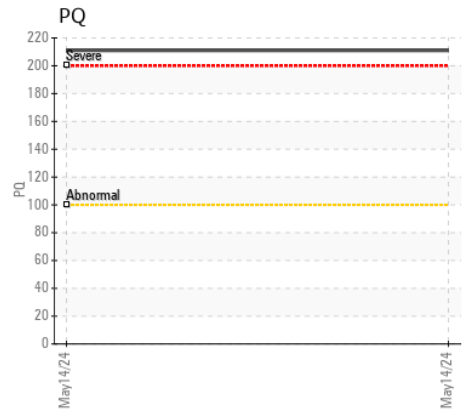
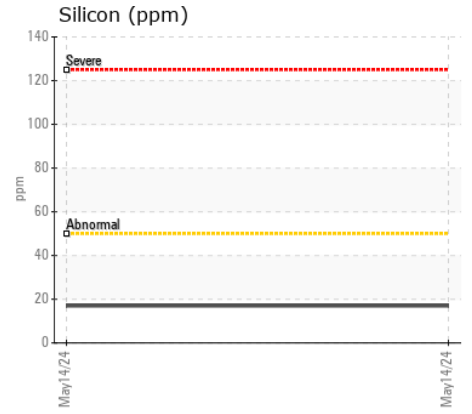
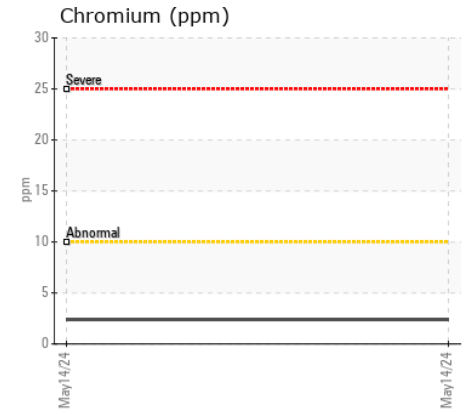
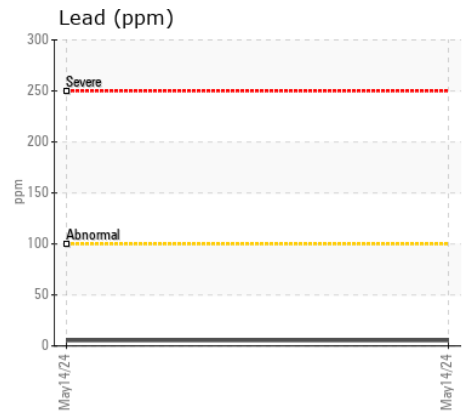
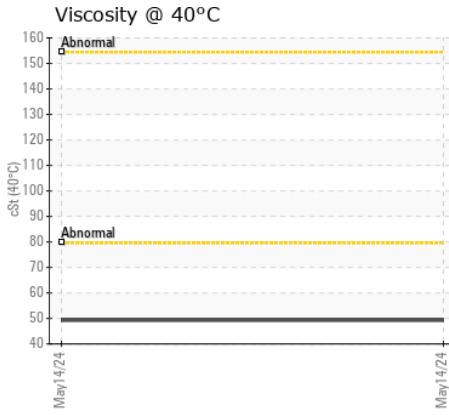
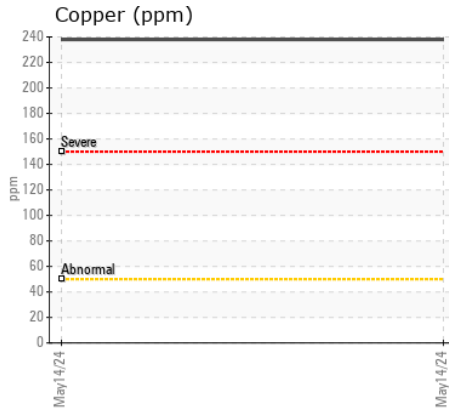
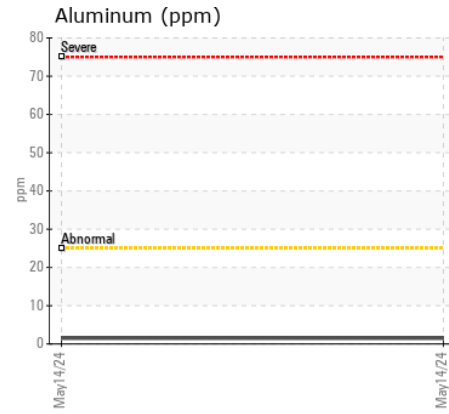
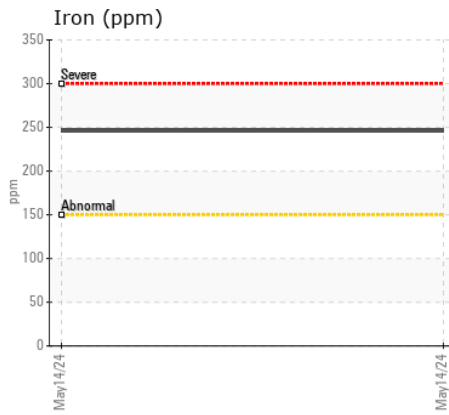
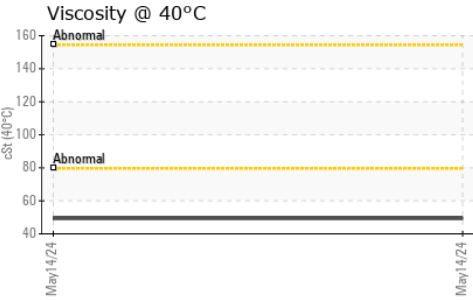
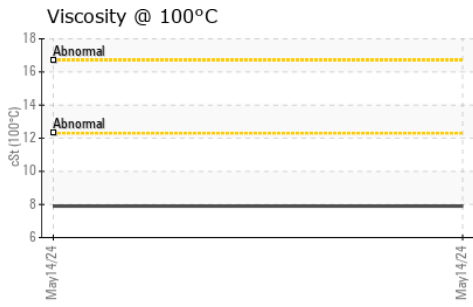
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185(m)	>50	<b>17</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>8</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>NONE</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	---	---

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185(m)		<b>4</b>	---	---
Boron	ppm	ASTM D5185(m)		<b>124</b>	---	---
Barium	ppm	ASTM D5185(m)		<b>2</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>3</b>	---	---
Magnesium	ppm	ASTM D5185(m)		<b>16</b>	---	---
Calcium	ppm	ASTM D5185(m)		<b>3522</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>1037</b>	---	---
Zinc	ppm	ASTM D5185(m)		<b>1076</b>	---	---
Sulfur	ppm	ASTM D5185(m)		<b>3072</b>	---	---
Visc @ 40°C	cSt	ASTM D7279(m)		<b>49.3</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)		<b>7.9</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*		<b>129</b>	---	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0075947  
**Lab Number** : 02635809  
**Unique Number** : 5776962  
**Test Package** : MOB 1 ( Additional Tests: KV100, PQ, VI )

**Received** : 15 May 2024  
**Tested** : 16 May 2024  
**Diagnosed** : 17 May 2024 - Kevin Marson

**J. RENE LAFOND INC**  
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 CA J7N 2Y7  
 Contact: Service Manager  
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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: