

Machine Id  
**POMA ROGERS CHAIR**

Component  
**Gearbox**

Fluid  
**PETRO CANADA TRAXON 80W90 (145 LTR)**

**DIAGNOSIS**

**Recommendation**

Resample at the next service interval to monitor.

**Wear**

All component wear rates are normal.

**Contamination**

There is no indication of any contamination in the oil.

**Fluid Condition**

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

**SAMPLE INFORMATION**

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>PC0069581</b>	PC0043836	PC0043815
Sample Date	Client Info		<b>03 May 2023</b>	10 May 2022	27 Apr 2021
Machine Age	hrs	Client Info	<b>14909</b>	14257	14378
Oil Age	hrs	Client Info	<b>652</b>	1070	720
Oil Changed	Client Info		<b>Changed</b>	Not Changd	Not Changed
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

**WEAR METALS**

	method	limit/base	current	history1	history2
PQ	ASTM D8184*		<b>1</b>	3	59
Iron	ppm	ASTM D5185(m) >200	<b>24</b>	23	66
Chromium	ppm	ASTM D5185(m) >15	<b>0</b>	<1	<1
Nickel	ppm	ASTM D5185(m) >15	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185(m)	<b>0</b>	0	<1
Silver	ppm	ASTM D5185(m)	<b>&lt;1</b>	0	<1
Aluminum	ppm	ASTM D5185(m) >25	<b>0</b>	<1	<1
Lead	ppm	ASTM D5185(m) >100	<b>0</b>	<1	<1
Copper	ppm	ASTM D5185(m) >200	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D5185(m) >25	<b>0</b>	0	0
Antimony	ppm	ASTM D5185(m) >5	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185(m)	<b>0</b>	0	0
Beryllium	ppm	ASTM D5185(m)	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185(m)	<b>0</b>	0	0

**ADDITIVES**

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 243	<b>254</b>	255	245
Barium	ppm	ASTM D5185(m) 1	<b>0</b>	<1	1
Molybdenum	ppm	ASTM D5185(m)	<b>0</b>	0	<1
Manganese	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	<1
Magnesium	ppm	ASTM D5185(m) 2	<b>0</b>	<1	<1
Calcium	ppm	ASTM D5185(m) 6	<b>0</b>	4	4
Phosphorus	ppm	ASTM D5185(m) 987	<b>1042</b>	1051	965
Zinc	ppm	ASTM D5185(m) 1	<b>2</b>	4	3
Sulfur	ppm	ASTM D5185(m) 21530	<b>18467</b>	18355	18566
Lithium	ppm	ASTM D5185(m)	<b>&lt;1</b>	1	1

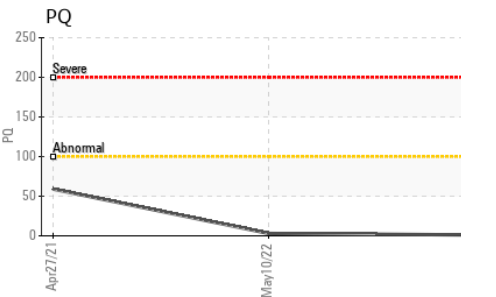
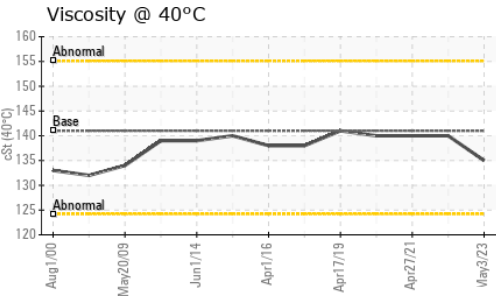
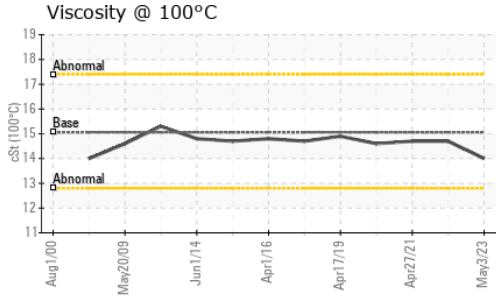
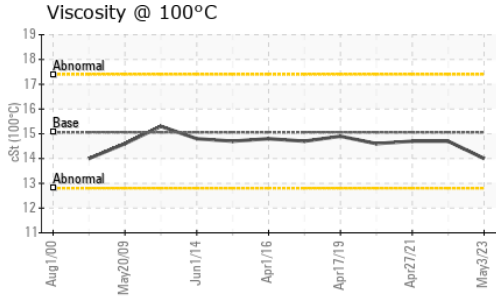
**CONTAMINANTS**

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >50	<b>2</b>	3	7
Sodium	ppm	ASTM D5185(m)	<b>&lt;1</b>	<1	<1
Potassium	ppm	ASTM D5185(m) >20	<b>0</b>	2	<1

**FLUID DEGRADATION**

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974* 1.9	<b>1.66</b>	1.45	1.44

# OIL ANALYSIS REPORT

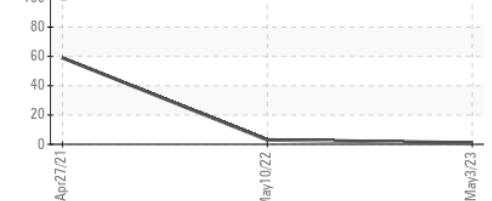
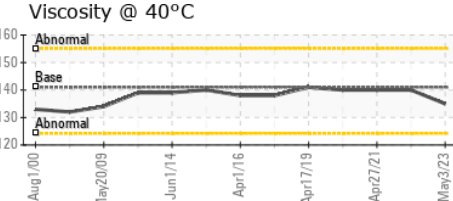
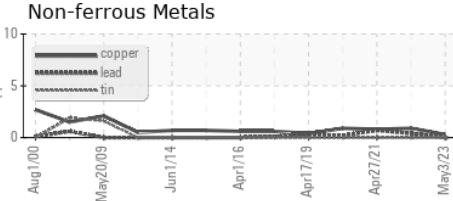
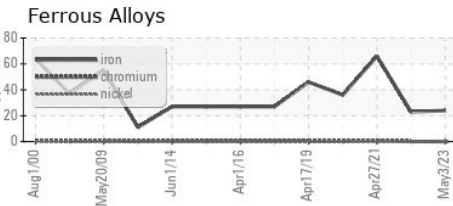


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	VLITE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	LIGHT	NONE
Debris	scalar	Visual*	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	141.0	135	140
Visc @ 100°C	cSt	ASTM D7279(m)	15.06	14.0	14.7
Viscosity Index (VI)	Scale	ASTM D2270*	108	100	104

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					
Bottom					

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0069581 **Received** : 10 May 2023  
**Lab Number** : 02556674 **Diagnosed** : 11 May 2023  
**Unique Number** : 5577714 **Diagnostician** : Wes Davis  
**Test Package** : IND 2 ( Additional Tests: KV100, TAN Man, VI )

**THE GEORGIAN PEAKS CLUB**  
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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.