



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

Machine Id  
**100 DISTRIBUTION 100 DISTRIBUTION (S/N NO OTHER INFO GIVEN)**

Component  
**Gearbox**

Fluid  
**PETRO CANADA ENDURATEX EP 460 (--- GAL)**

**RECOMMENDATION**

Resample at the next service interval to monitor. NOTE: Please provide information regarding reservoir capacity, filter type and micron rating with next sample.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>PCA0116775</b>	---	---
Sample Date		Client Info		<b>08 Jul 2024</b>	---	---
Machine Age	hrs	Client Info		<b>0</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>16</b>	---	---
Iron	ppm	ASTM D5185m	>200	<b>36</b>	---	---
Chromium	ppm	ASTM D5185m	>15	<b>0</b>	---	---
Nickel	ppm	ASTM D5185m	>15	<b>0</b>	---	---
Titanium	ppm	ASTM D5185m		<b>0</b>	---	---
Silver	ppm	ASTM D5185m		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185m	>25	<b>0</b>	---	---
Lead	ppm	ASTM D5185m	>100	<b>0</b>	---	---
Copper	ppm	ASTM D5185m	>200	<b>0</b>	---	---
Tin	ppm	ASTM D5185m	>25	<b>0</b>	---	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	---	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	---	---

**CONTAMINATION**

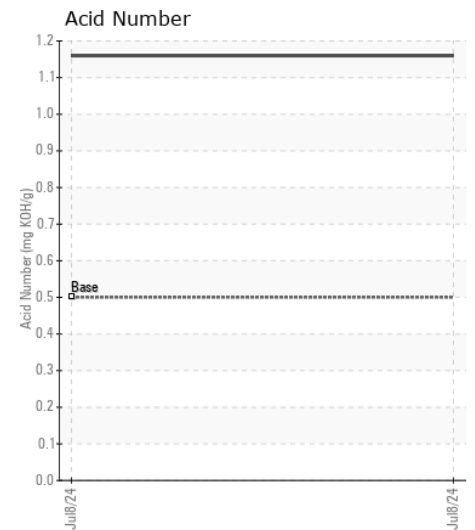
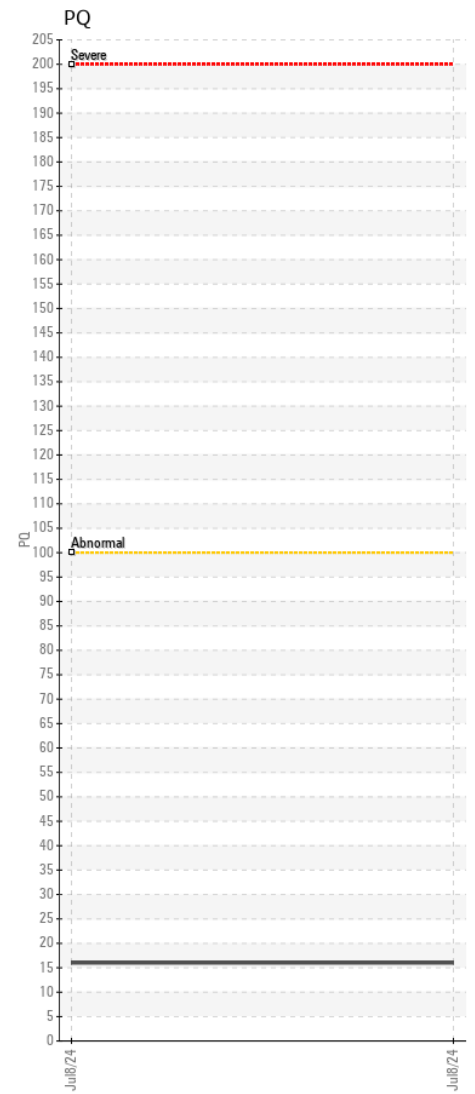
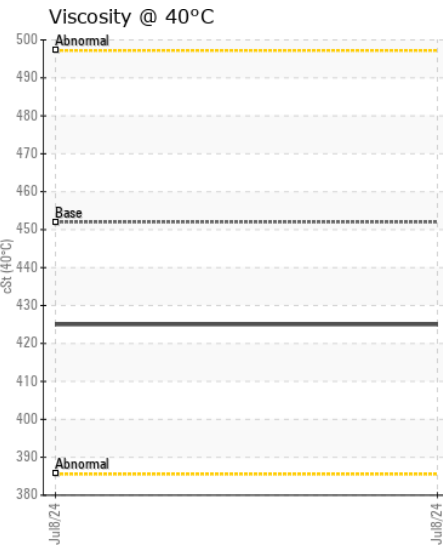
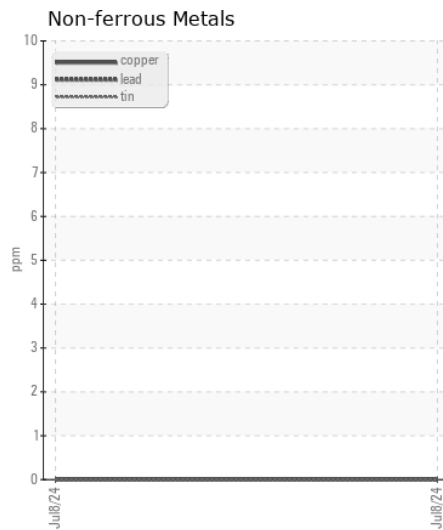
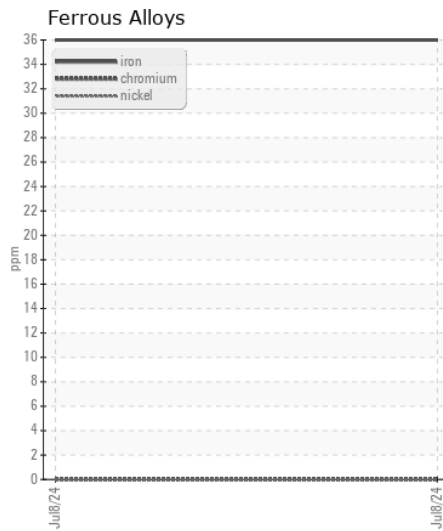
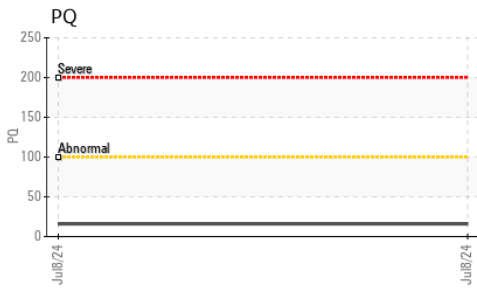
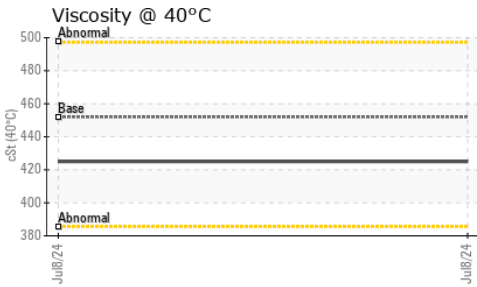
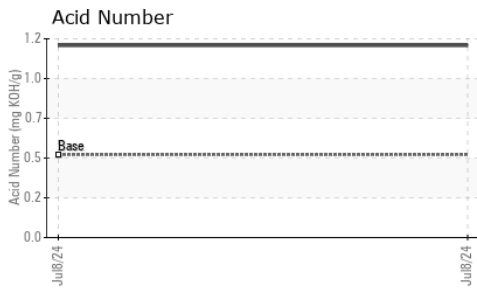
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>50	<b>&lt;1</b>	---	---
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	---	---
Water		WC Method	>0.2	<b>NEG</b>	---	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	---	---
Debris	scalar	*Visual	NONE	<b>LIGHT</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	>0.2	<b>NEG</b>	---	---

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185m		<b>1</b>	---	---
Boron	ppm	ASTM D5185m	55	<b>22</b>	---	---
Barium	ppm	ASTM D5185m	0	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185m	0	<b>0</b>	---	---
Manganese	ppm	ASTM D5185m	0	<b>&lt;1</b>	---	---
Magnesium	ppm	ASTM D5185m	2	<b>2</b>	---	---
Calcium	ppm	ASTM D5185m	6	<b>10</b>	---	---
Phosphorus	ppm	ASTM D5185m	240	<b>450</b>	---	---
Zinc	ppm	ASTM D5185m	3	<b>0</b>	---	---
Sulfur	ppm	ASTM D5185m	10310	<b>6703</b>	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045	0.5	<b>1.16</b>	---	---
Visc @ 40°C	cSt	ASTM D445	452	<b>425</b>	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513

**Sample No.** : PCA0116775

**Lab Number** : 06236210

**Unique Number** : 11125044

**Test Package** : PLANT

**Received** : 15 Jul 2024

**Tested** : 16 Jul 2024

**Diagnosed** : 16 Jul 2024 - Wes Davis

**CERTAINTED VINYL PLANT**

2651 PENNY RD

CLAREMONT, NC

US 28613

Contact: BRUCE JAMES

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To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)