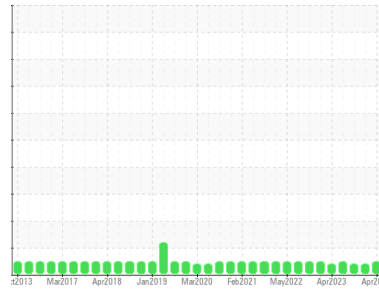


# OIL ANALYSIS REPORT

## Sample Rating Trend



**NORMAL**



Machine Id

**L-7 130 DIST**

Component

**Gearbox**

Fluid

**PETRO CANADA ENDURATEX EP 460 (70 GAL)**

## 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>PCA0116752</b>	PCA0116735	PCA0091817
Sample Date	Client Info	<b>08 Apr 2024</b>	22 Jan 2024	18 Oct 2023
Machine Age	hrs	Client Info	<b>0</b>	0
Oil Age	hrs	Client Info	<b>0</b>	0
Oil Changed	Client Info	<b>N/A</b>	N/A	N/A
Sample Status		<b>NORMAL</b>	ABNORMAL	ABNORMAL

## CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method	>0.2	<b>NEG</b>	NEG

## WEAR METALS

method	limit/base	current	history1	history2	
PQ	ASTM D8184	<b>16</b>	19	17	
Iron	ppm	ASTM D5185m	>200	<b>27</b>	30
Chromium	ppm	ASTM D5185m	>15	<b>0</b>	0
Nickel	ppm	ASTM D5185m	>15	<b>0</b>	0
Titanium	ppm	ASTM D5185m		<b>0</b>	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0
Aluminum	ppm	ASTM D5185m	>25	<b>0</b>	0
Lead	ppm	ASTM D5185m	>100	<b>0</b>	0
Copper	ppm	ASTM D5185m	>200	<b>0</b>	<1
Tin	ppm	ASTM D5185m	>25	<b>&lt;1</b>	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0
Cadmium	ppm	ASTM D5185m		<b>0</b>	0

## ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m	55	<b>15</b>	16
Barium	ppm	ASTM D5185m	0	<b>0</b>	0
Molybdenum	ppm	ASTM D5185m	0	<b>0</b>	<1
Manganese	ppm	ASTM D5185m	0	<b>&lt;1</b>	<1
Magnesium	ppm	ASTM D5185m	2	<b>0</b>	0
Calcium	ppm	ASTM D5185m	6	<b>0</b>	0
Phosphorus	ppm	ASTM D5185m	240	<b>418</b>	405
Zinc	ppm	ASTM D5185m	3	<b>10</b>	12
Sulfur	ppm	ASTM D5185m	10310	<b>6102</b>	5617

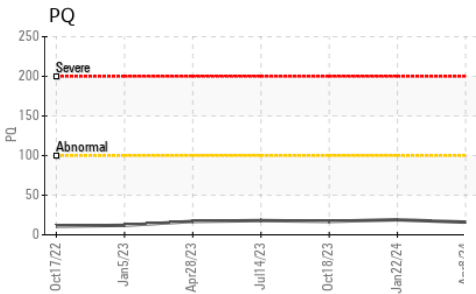
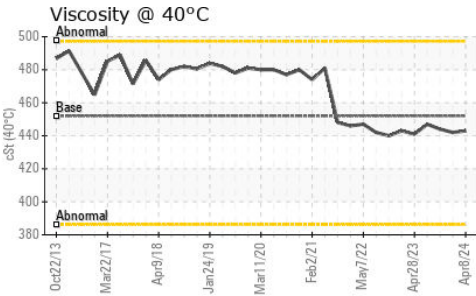
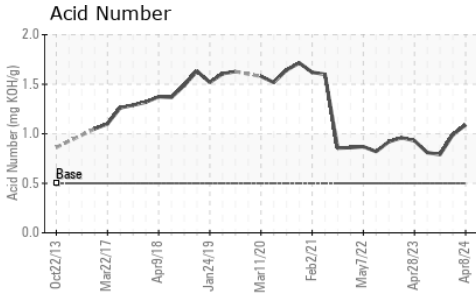
## CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>50	<b>&lt;1</b>	<1
Sodium	ppm	ASTM D5185m		<b>&lt;1</b>	0
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	0

## FLUID DEGRADATION

method	limit/base	current	history1	history2	
Acid Number (AN)	mg KOH/g	ASTM D8045	0.5	<b>1.09</b>	0.99

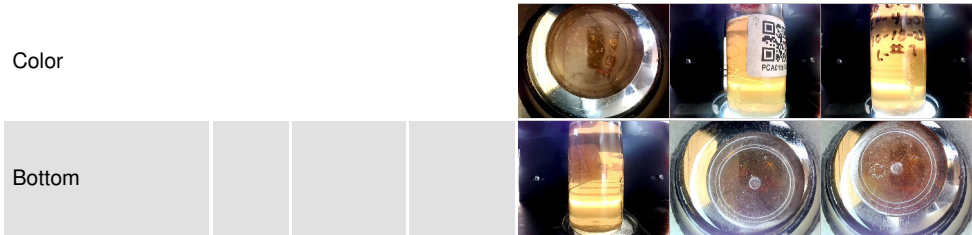
# OIL ANALYSIS REPORT



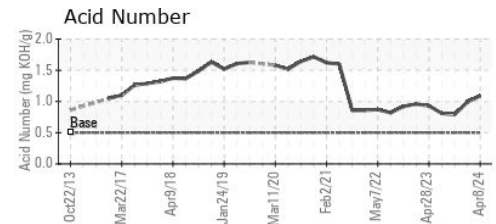
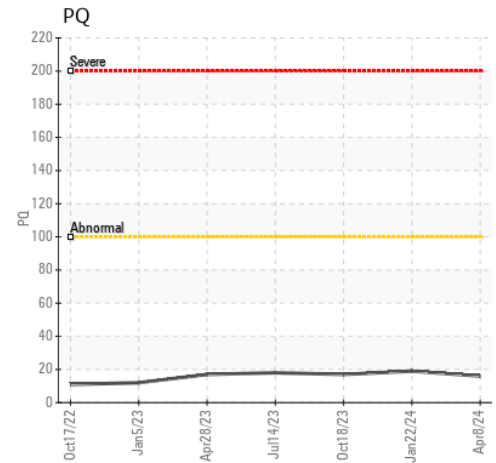
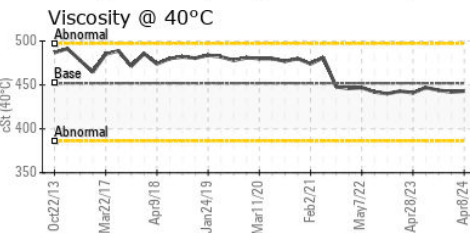
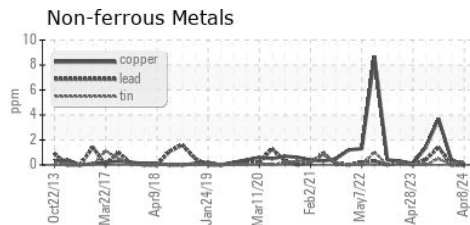
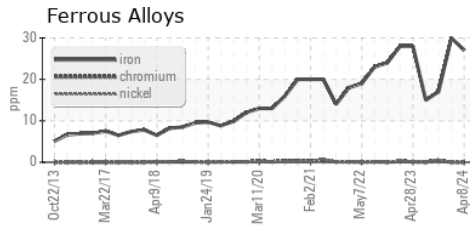
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	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 D445	452	<b>443</b>	442	444

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0116752      **Received** : 08 Apr 2024  
**Lab Number** : **06142423**      **Tested** : 09 Apr 2024  
**Unique Number** : 10967231      **Diagnosed** : 09 Apr 2024 - Wes Davis  
**Test Package** : PLANT

**CERTAINTEED VINYL PLANT**  
 2651 PENNY RD  
 CLAREMONT, NC  
 US 28613  
 Contact: BRUCE JAMES  
 bruce.a.james@saint-gobain.com  
 T: (828)459-3320  
 F: (828)459-3329

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)