

Machine Id  
**L-5 BASE DISTRIBUTION**  
 Component  
**Gearbox**  
 Fluid  
**PETRO CANADA ENDURATEX EP 460 (71 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>PCA0030542</b>	PCA0030556	---
Sample Date	Client Info			<b>19 Feb 2024</b>	21 Dec 2021	---
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	---
Sample Status				<b>NORMAL</b>	NORMAL	---

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

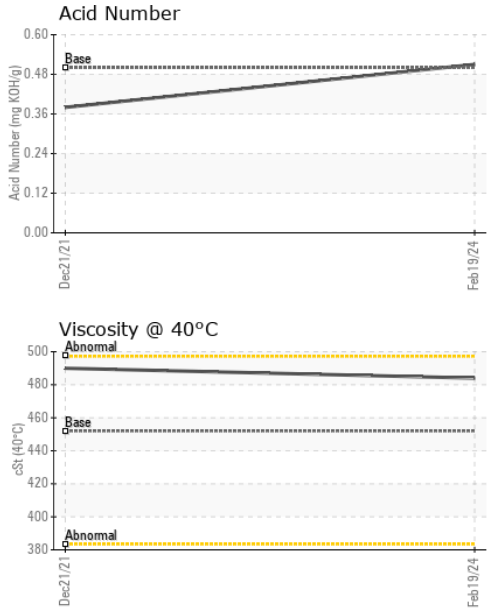
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	<b>11</b>	5	---
Chromium	ppm	ASTM D5185m	>15	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185m	>15	<b>0</b>	0	---
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	<1	---
Silver	ppm	ASTM D5185m		<b>0</b>	<1	---
Aluminum	ppm	ASTM D5185m	>25	<b>2</b>	2	---
Lead	ppm	ASTM D5185m	>100	<b>0</b>	<1	---
Copper	ppm	ASTM D5185m	>200	<b>&lt;1</b>	<1	---
Tin	ppm	ASTM D5185m	>25	<b>0</b>	<1	---
Antimony	ppm	ASTM D5185m	>5	<b>---</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>41</b>	45	---
Barium	ppm	ASTM D5185m	0	<b>&lt;1</b>	0	---
Molybdenum	ppm	ASTM D5185m	0	<b>0</b>	<1	---
Manganese	ppm	ASTM D5185m	0	<b>0</b>	<1	---
Magnesium	ppm	ASTM D5185m	2	<b>&lt;1</b>	0	---
Calcium	ppm	ASTM D5185m	6	<b>2</b>	0	---
Phosphorus	ppm	ASTM D5185m	240	<b>246</b>	214	---
Zinc	ppm	ASTM D5185m	3	<b>0</b>	0	---
Sulfur	ppm	ASTM D5185m	10310	<b>7979</b>	6422	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	<b>2</b>	3	---
Sodium	ppm	ASTM D5185m		<b>0</b>	0	---
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	<1	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.5	<b>0.51</b>	0.380	---

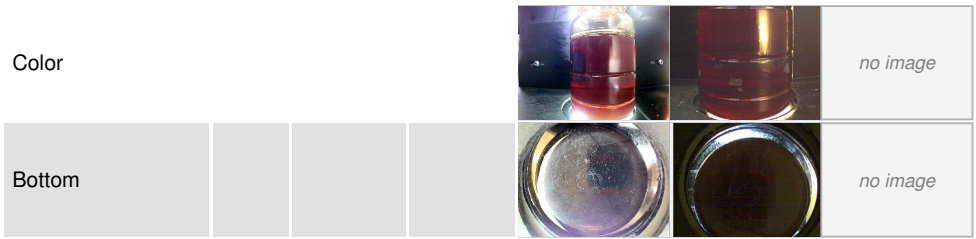
# OIL ANALYSIS REPORT



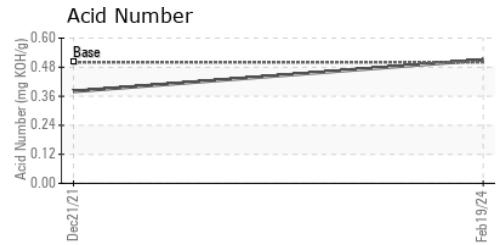
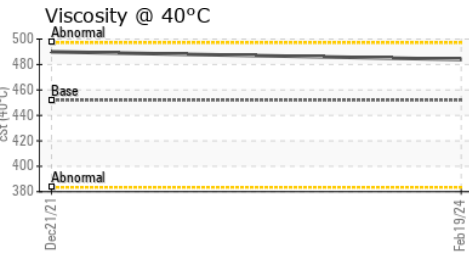
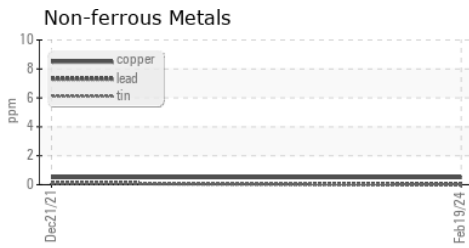
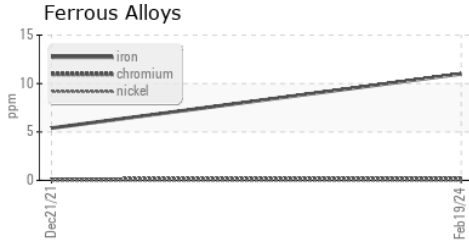
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	<b>MODER</b>	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	LIGHT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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	452	<b>484</b>	490	---

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.** : PCA0030542  
**Lab Number** : 06096335  
**Unique Number** : 10889188  
**Test Package** : IND 2

**Received** : 21 Feb 2024  
**Tested** : 22 Feb 2024  
**Diagnosed** : 22 Feb 2024 - Wes Davis

**CERTAINTED CORP**  
 701 E WASHINGTON ST  
 JACKSON, MI  
 US 49203

Contact: SIDNEY CHAPPELL  
 SIDNEY.A.CHAPPELL@SAINT-GOBAIN.COM

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)

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