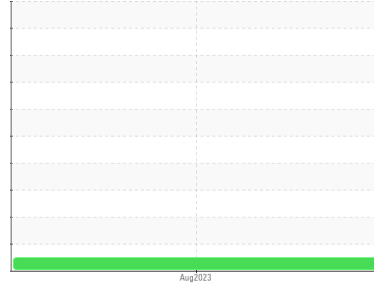


Area  
**TROPICAL PARADISE**  
Machine Id  
**FRICK #1**  
Component  
**1 Compressor**  
Fluid  
**PETRO CANADA REFLO 68A AMMONIA OIL (205 LTR)**



**DIAGNOSIS**

**Recommendation**

Resample at the next service interval to monitor.

**Wear**

All component wear rates are normal.

**Contamination**

The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The water content is negligible. The system and fluid cleanliness is acceptable.

**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>PC0076597</b>	---	---
Sample Date	Client Info	<b>03 Aug 2023</b>	---	---
Machine Age	mths Client Info	<b>6</b>	---	---
Oil Age	mths Client Info	<b>0</b>	---	---
Oil Changed	Client Info	<b>N/A</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

**WEAR METALS** method limit/base current history1 history2

Iron	ppm	ASTM D5185(m)	>50	<b>0</b>	---	---
Chromium	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Nickel	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---
Titanium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)		<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>25	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m)	>25	<b>0</b>	---	---
Copper	ppm	ASTM D5185(m)	>50	<b>0</b>	---	---
Tin	ppm	ASTM D5185(m)	>15	<b>0</b>	---	---
Antimony	ppm	ASTM D5185(m)		<b>0</b>	---	---
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Beryllium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Cadmium	ppm	ASTM D5185(m)		<b>0</b>	---	---

**ADDITIVES** method limit/base current history1 history2

Boron	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	---	---
Barium	ppm	ASTM D5185(m)	0	<b>0</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	0	<b>0</b>	---	---
Manganese	ppm	ASTM D5185(m)		<b>0</b>	---	---
Magnesium	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	---	---
Calcium	ppm	ASTM D5185(m)	0	<b>&lt;1</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	0	<b>0</b>	---	---
Zinc	ppm	ASTM D5185(m)	0	<b>1</b>	---	---
Sulfur	ppm	ASTM D5185(m)	0	<b>10</b>	---	---
Lithium	ppm	ASTM D5185(m)		<b>&lt;1</b>	---	---

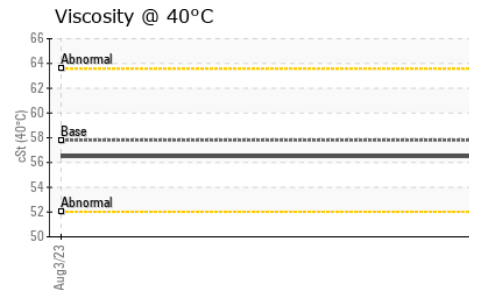
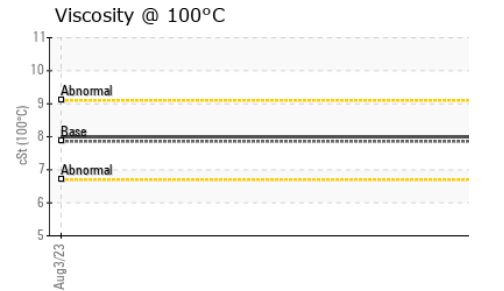
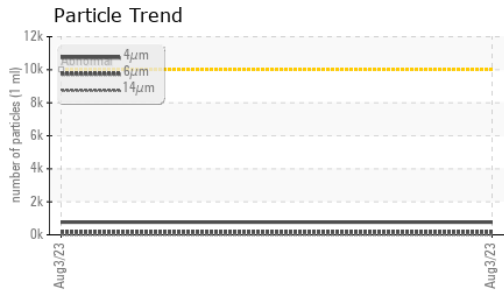
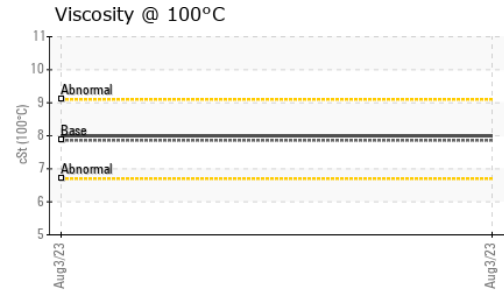
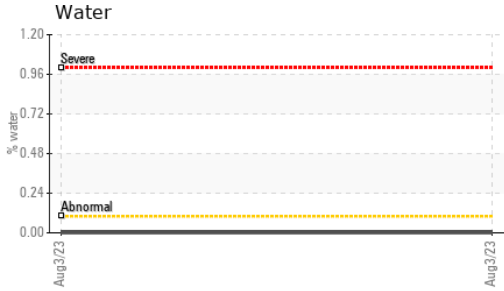
**CONTAMINANTS** method limit/base current history1 history2

Silicon	ppm	ASTM D5185(m)	>25	<b>&lt;1</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>0</b>	---	---
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	---	---
Water	%	ASTM D6304*	>0.1	<b>0.001</b>	---	---
ppm Water	ppm	ASTM D6304*	>1000	<b>9.7</b>	---	---

**FLUID CLEANLINESS** method limit/base current history1 history2

Particles >4µm	ASTM D7647	>10000	<b>765</b>	---	---
Particles >6µm	ASTM D7647	>2500	<b>153</b>	---	---
Particles >14µm	ASTM D7647	>320	<b>12</b>	---	---
Particles >21µm	ASTM D7647	>80	<b>4</b>	---	---
Particles >38µm	ASTM D7647	>20	<b>1</b>	---	---
Particles >71µm	ASTM D7647	>4	<b>0</b>	---	---
Oil Cleanliness	ISO 4406 (c)	>20/18/15	<b>17/14/11</b>	---	---

# OIL ANALYSIS REPORT



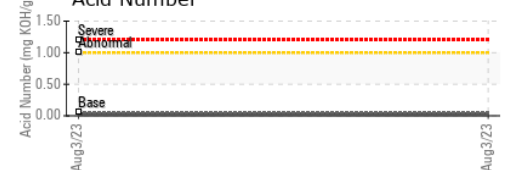
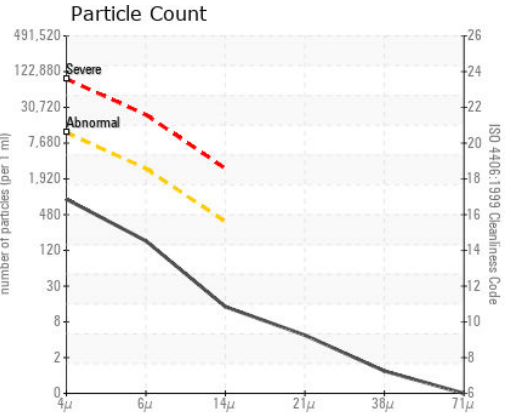
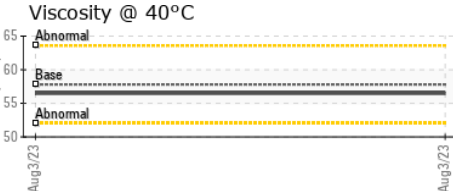
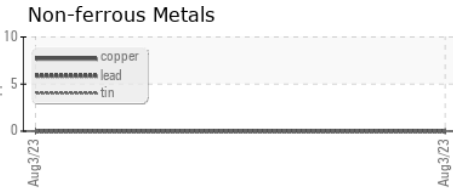
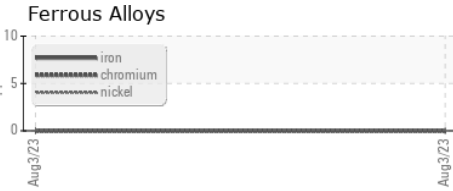
FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.05	<b>0.02</b>	---	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	---	---
Precipitate	scalar	Visual*	NONE	<b>NONE</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>	---	---
Free Water	scalar	Visual*		<b>NEG</b>	---	---

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	57.8	<b>56.5</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	7.86	<b>8</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	101	<b>108</b>	---	---

SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **INDUSTRIAS del PETROLEO CANAD. SA**  
**Sample No.** : PC0076597 **Received** : 24 Aug 2023  
**Lab Number** : **02578320** **Diagnosed** : 28 Aug 2023  
**Unique Number** : 5631380 **Diagnostician** : Wes Davis  
**Test Package** : IND 2 ( Additional Tests: KF, KV100, TAN Man, VI )  
 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.

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Grecia, A  
CR  
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T: 1(115)062-1598  
F: 1(115)062-2870