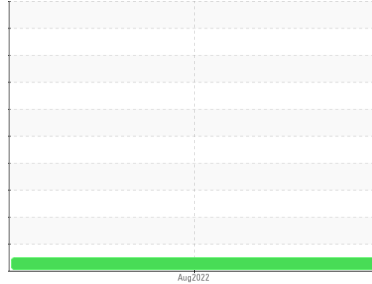


# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**PINA FRUT**  
Machine Id  
**SABROE COMPRESSOR #3**  
Component  
**Compressor**  
Fluid  
**PETRO CANADA REFLO 68A AMMONIA OIL (717 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 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>PC0058048</b>	---	---
Sample Date	Client Info	<b>27 Aug 2022</b>	---	---
Machine Age	hrs Client Info	<b>0</b>	---	---
Oil Age	hrs 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>&lt;1</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>0</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>0</b>	---	---
Calcium ppm ASTM D5185(m)	0	<b>0</b>	---	---
Phosphorus ppm ASTM D5185(m)	0	<b>0</b>	---	---
Zinc ppm ASTM D5185(m)	0	<b>&lt;1</b>	---	---
Sulfur ppm ASTM D5185(m)	0	<b>15</b>	---	---
Lithium ppm ASTM D5185(m)		<b>&lt;1</b>	---	---

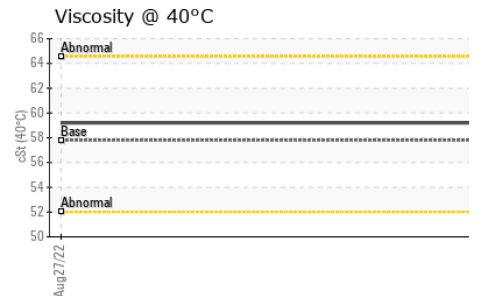
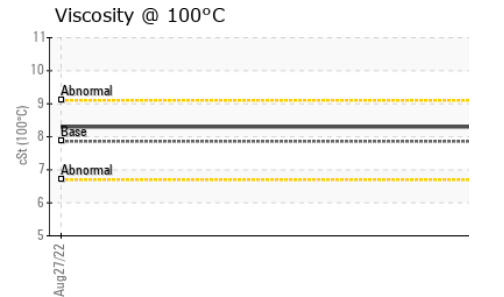
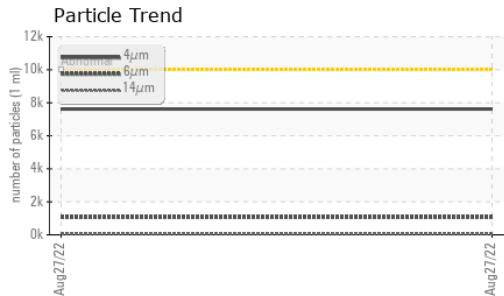
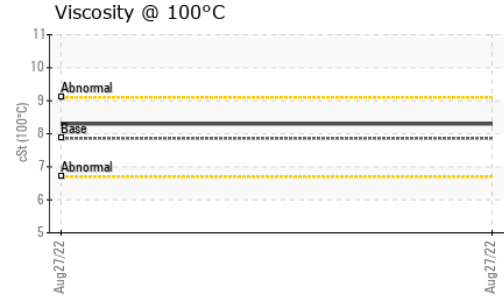
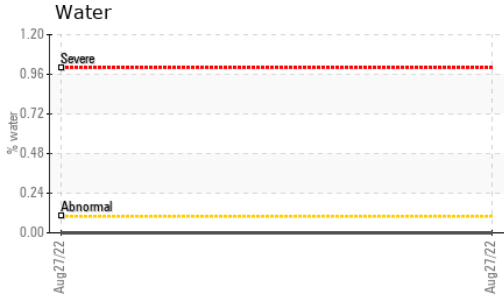
## CONTAMINANTS

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>0.00</b>	---	---
ppm Water ppm ASTM D6304*	>1000	<b>0.00</b>	---	---

## FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm ASTM D7647	>10000	<b>7620</b>	---	---
Particles >6µm ASTM D7647	>2500	<b>1067</b>	---	---
Particles >14µm ASTM D7647	>320	<b>50</b>	---	---
Particles >21µm ASTM D7647	>80	<b>13</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>20/17/13</b>	---	---

# OIL ANALYSIS REPORT



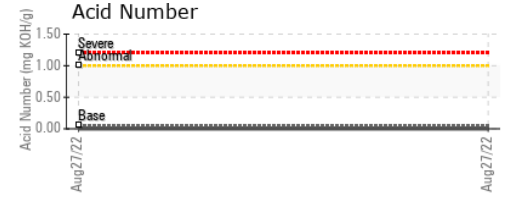
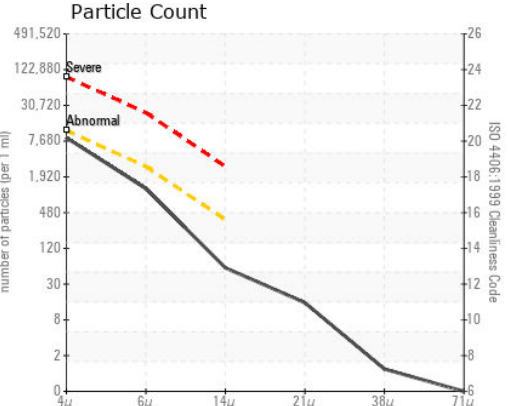
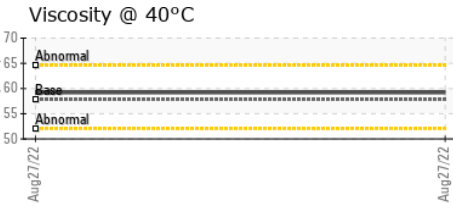
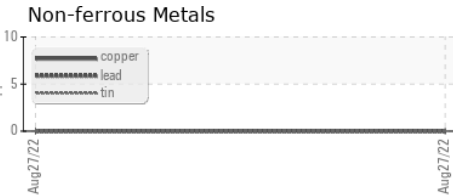
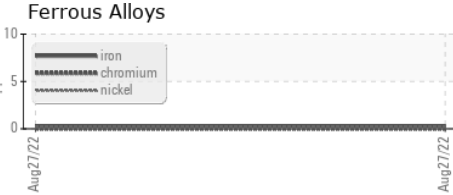
FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.05	<b>0.00</b>	---	---

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>59.2</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	7.86	<b>8.3</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	101	<b>109</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.** : PC0058048 **Received** : 28 Sep 2022 Contiguo FANAL, frente a la Autopista Bernardo Soto  
**Lab Number** : 02513483 **Diagnosed** : 29 Sep 2022 Grecia, A  
**Unique Number** : 5462458 **Diagnostician** : Wes Davis CR  
**Test Package** : IND 2 ( Additional Tests: KF, KV100, VI )  
 Contact: Erick Bogantes  
 cotizaciones@lubricantescanada.com  
 T: 1(115)062-1598  
 F: 1(115)062-2870

*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.*