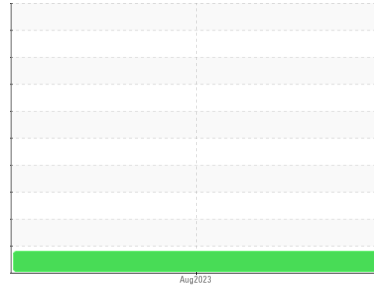


# PROBLEM SUMMARY

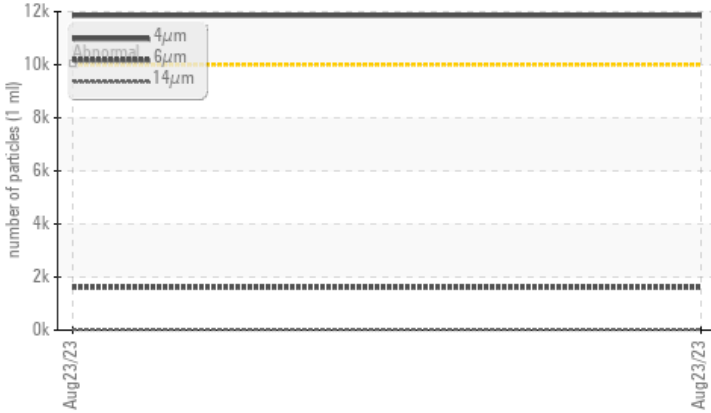
Sample Rating Trend



Area  
**TROPICAL PARADISE**  
Machine Id  
**FRICK #3**  
Component  
**3 Compressor**  
Fluid  
**PETRO CANADA REFLO 68A AMMONIA OIL (205 LTR)**

## COMPONENT CONDITION SUMMARY

### ▲ Particle Trend



## RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

## PROBLEMATIC TEST RESULTS

Sample Status			<b>ATTENTION</b>	---	---
Particles >4µm	ASTM D7647	>10000	▲ <b>11856</b>	---	---
Oil Cleanliness	ISO 4406 (c)	>20/18/15	▲ <b>21/18/12</b>	---	---

Customer Id: INDALA  
Sample No.: PC0076594  
Lab Number: 02578321  
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:  
Wes Davis +1 905-569-8600 x223  
[wesd@wearcheck.ca](mailto:wesd@wearcheck.ca)

To change component or sample information:  
Gloria Gonzalez +1 (289)291-4643 x4643  
[gloria.gonzalez@wearcheck.com](mailto:gloria.gonzalez@wearcheck.com)

## RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Filter	---	---	?	We recommend you service the filters on this component.

## HISTORICAL DIAGNOSIS

Area  
**TROPICAL PARADISE**  
Machine Id  
**FRICK #3**  
Component  
**3 Compressor**  
Fluid  
**PETRO CANADA REFLO 68A AMMONIA OIL (205 LTR)**



## DIAGNOSIS

**Recommendation**  
We recommend you service the filters on this component. Resample at the next service interval to monitor.

**Wear**  
All component wear rates are normal.

**Contamination**  
There is a light amount of silt (particulates < 14 microns in size) present in the oil. The water content is negligible.

**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>PC0076594</b>	---	---
Sample Date	Client Info	<b>23 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>ATTENTION</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>0</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>0</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>7</b>	---	---
Lithium ppm ASTM D5185(m)		<b>&lt;1</b>	---	---

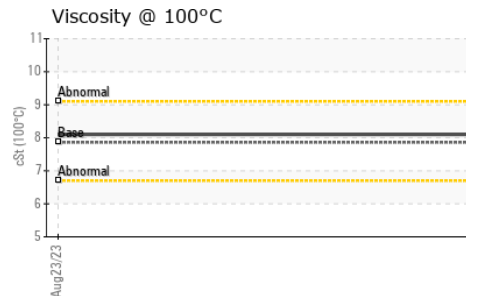
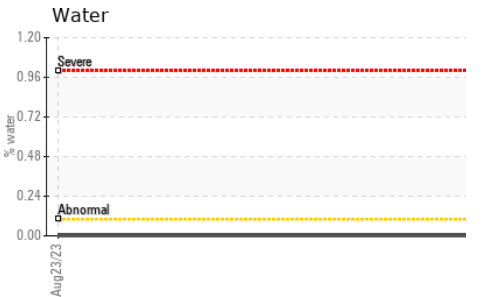
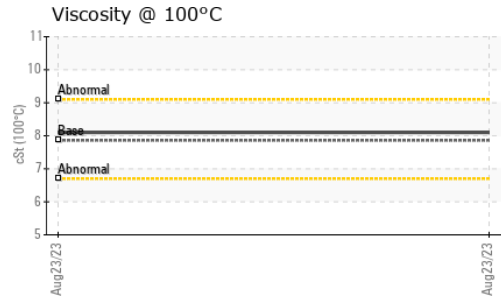
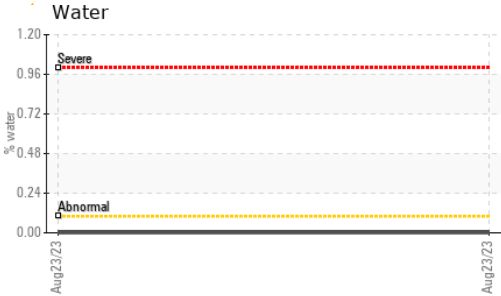
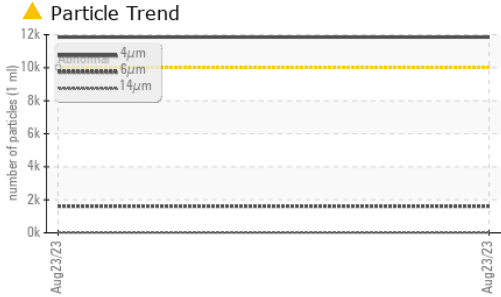
## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185(m)	>25	<b>0</b>	---	---
Sodium ppm ASTM D5185(m)		<b>0</b>	---	---
Potassium ppm ASTM D5185(m)	>20	<b>&lt;1</b>	---	---
Water % ASTM D6304*	>0.1	<b>0.001</b>	---	---
ppm Water ppm ASTM D6304*	>1000	<b>6.0</b>	---	---

## FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm ASTM D7647	>10000	<b>▲ 11856</b>	---	---
Particles >6µm ASTM D7647	>2500	<b>1611</b>	---	---
Particles >14µm ASTM D7647	>320	<b>24</b>	---	---
Particles >21µm ASTM D7647	>80	<b>7</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>▲ 21/18/12</b>	---	---

# OIL ANALYSIS REPORT



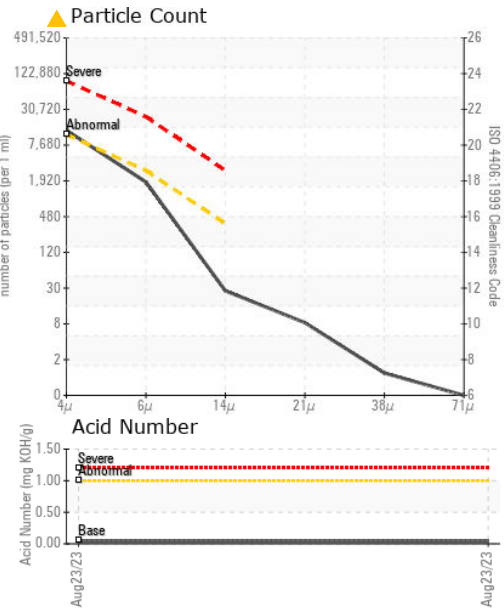
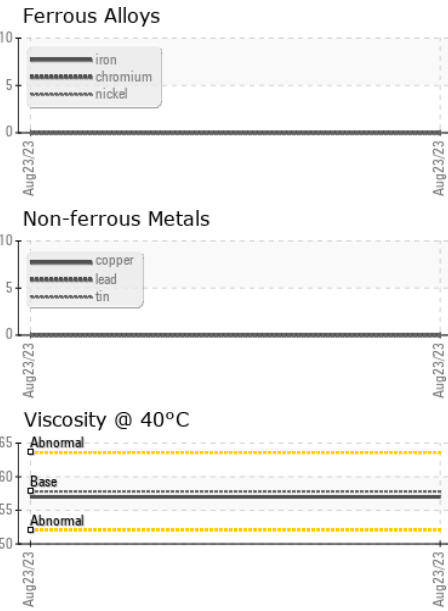
FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.05	<b>0.03</b>	---	---

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>57.0</b>	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	7.86	<b>8.1</b>	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	101	<b>110</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.** : PC0076594 **Received** : 24 Aug 2023 Contiguo FANAL, frente a la Autopista Bernardo Soto  
**Lab Number** : **02578321** **Diagnosed** : 28 Aug 2023 Grecia, A  
**Unique Number** : 5631381 **Diagnostician** : Wes Davis CR  
**Test Package** : IND 2 ( Additional Tests: KF, KV100, TAN Man, VI )  
 To discuss this sample report, contact Customer Service at 1-800-268-2131. Contact: Erick Bogantes  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. cotizaciones@lubricantescanada.com  
 Validity of results and interpretation are based on the sample and information as supplied. T: 1(115)062-1598  
 F: 1(115)062-2870