

PROBLEM SUMMARY

Sample Rating Trend

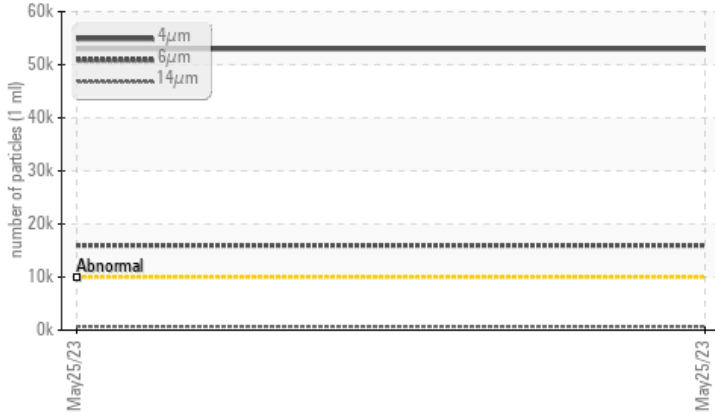
ISO

Area
CHIQUITA TROPICAL INGREDIENTS
Machine Id
301-1
Component
Compressor
Fluid
PETRO CANADA REFLO SYNTHETIC 68A LOW TEMP FLUID (205 GAL)



COMPONENT CONDITION SUMMARY

▲ Particle Trend



RECOMMENDATION

We recommend you service the filters on this component. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status	ASTM D7647	ISO 4406 (c)	ABNORMAL	---	---
Particles >4µm	>10000	▲ 52980	---	---	---
Particles >6µm	>2500	▲ 15955	---	---	---
Particles >14µm	>320	▲ 676	---	---	---
Particles >21µm	>80	▲ 126	---	---	---
Oil Cleanliness	>20/18/15	▲ 23/21/17	---	---	---

Customer Id: INDALA
Sample No.: PC0077172
Lab Number: 02562229
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
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To change component or sample information:
Gloria Gonzalez +1 (289)291-4643 x4643
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RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Filter	---	---	?	We recommend you service the filters on this component.
Resample	---	---	?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS

Area
CHIQUITA TROPICAL INGREDIENTS

Machine Id
301-1

Component
Compressor

Fluid
PETRO CANADA REFLO SYNTHETIC 68A LOW TEMP FLUID (205 GAL)



DIAGNOSIS

Recommendation

We recommend you service the filters on this component. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

Contamination

There is a moderate amount of silt (particulates < 14 microns in size) present in the oil.

Fluid Condition

The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	PC0077172	---	---
Sample Date	Client Info	25 May 2023	---	---
Machine Age	yrs Client Info	1	---	---
Oil Age	yrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185(m)	>50	<1	---	---
Chromium ppm ASTM D5185(m)	>10	0	---	---
Nickel ppm ASTM D5185(m)		<1	---	---
Titanium ppm ASTM D5185(m)		0	---	---
Silver ppm ASTM D5185(m)		0	---	---
Aluminum ppm ASTM D5185(m)	>25	0	---	---
Lead ppm ASTM D5185(m)	>25	0	---	---
Copper ppm ASTM D5185(m)	>50	0	---	---
Tin ppm ASTM D5185(m)	>15	0	---	---
Antimony ppm ASTM D5185(m)		0	---	---
Vanadium ppm ASTM D5185(m)		0	---	---
Beryllium ppm ASTM D5185(m)		0	---	---
Cadmium ppm ASTM D5185(m)		0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185(m)	0	<1	---	---
Barium ppm ASTM D5185(m)	0	0	---	---
Molybdenum ppm ASTM D5185(m)	0	0	---	---
Manganese ppm ASTM D5185(m)		0	---	---
Magnesium ppm ASTM D5185(m)	0	0	---	---
Calcium ppm ASTM D5185(m)	0	0	---	---
Phosphorus ppm ASTM D5185(m)	0	0	---	---
Zinc ppm ASTM D5185(m)	0	<1	---	---
Sulfur ppm ASTM D5185(m)	0	2	---	---
Lithium ppm ASTM D5185(m)		<1	---	---

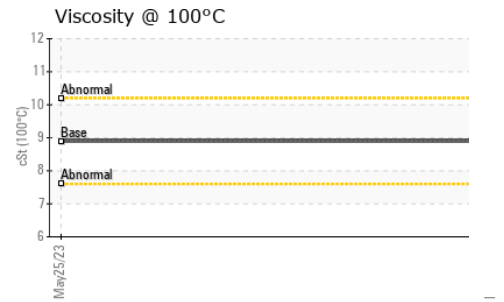
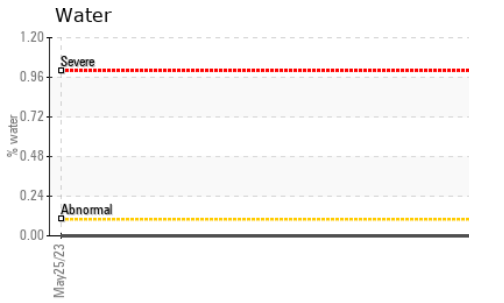
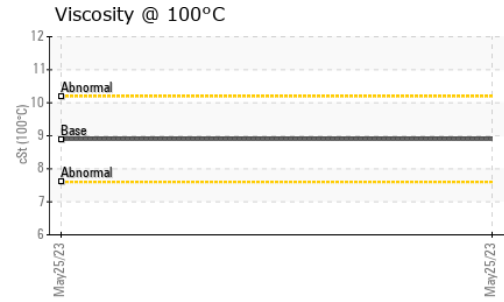
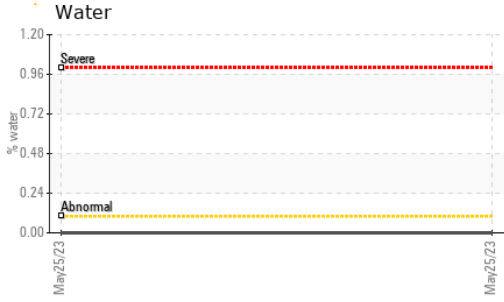
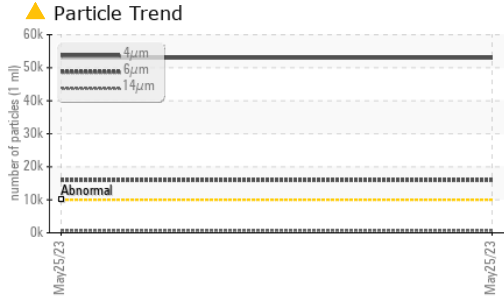
CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185(m)	>25	<1	---	---
Sodium ppm ASTM D5185(m)		<1	---	---
Potassium ppm ASTM D5185(m)	>20	0	---	---
Water % ASTM D6304*	>0.1	0.00	---	---
ppm Water ppm ASTM D6304*	>1000	0.00	---	---

FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm ASTM D7647	>10000	▲ 52980	---	---
Particles >6µm ASTM D7647	>2500	▲ 15955	---	---
Particles >14µm ASTM D7647	>320	▲ 676	---	---
Particles >21µm ASTM D7647	>80	▲ 126	---	---
Particles >38µm ASTM D7647	>20	2	---	---
Particles >71µm ASTM D7647	>4	0	---	---
Oil Cleanliness ISO 4406 (c)	>20/18/15	▲ 23/21/17	---	---

OIL ANALYSIS REPORT



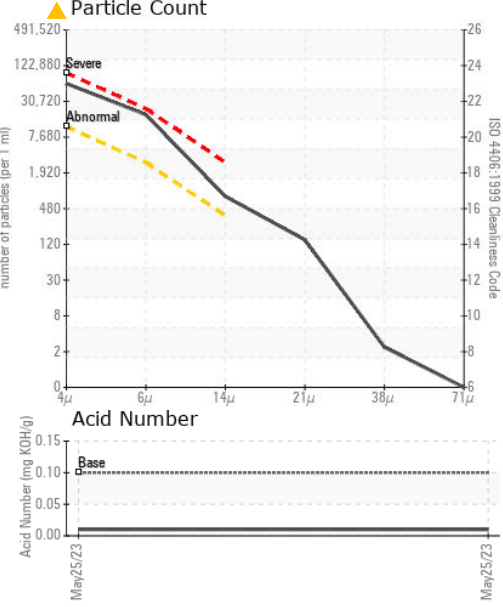
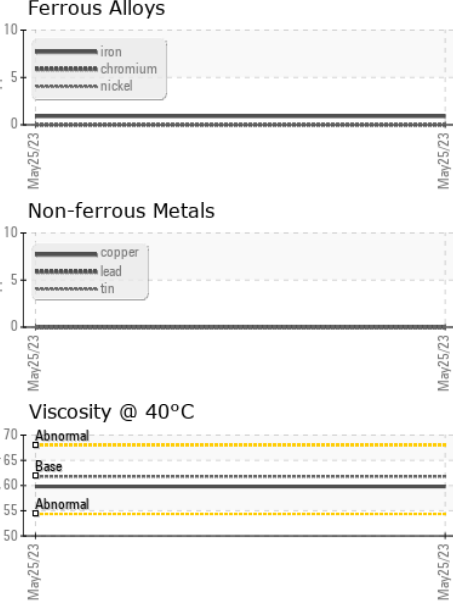
FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974*	0.1	0.01	---	---

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Precipitate	scalar	Visual*	NONE	NONE	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---	---
Free Water	scalar	Visual*		NEG	---	---

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	61.8	59.8	---	---
Visc @ 100°C	cSt	ASTM D7279(m)	8.89	8.9	---	---
Viscosity Index (VI)	Scale	ASTM D2270*	119	125	---	---

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. : PC0077172 **Received** : 06 Jun 2023 Contiguo FANAL, frente a la Autopista Bernardo Soto
Lab Number : **02562229** **Diagnosed** : 08 Jun 2023 Grecia, A
Unique Number : 5591270 **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.*