



# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**

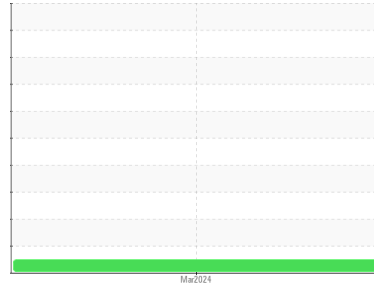


Area  
**[2524920]**

Machine Id  
**C1B GAS COMPRESSOR - GEARBOX FILTER**

Component  
**Compressor**

Fluid  
**SPO 244 (--- GAL)**



## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

The amount and size of particulates present in the system are acceptable. 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>WC0892866</b>	---	---
Sample Date	Client Info	<b>26 Mar 2024</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>	---	---

## CONTAMINATION

method	limit/base	current	history1	history2
Water	WC Method >0.1	<b>NEG</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >50	<b>&lt;1</b>	---	---
Chromium	ppm ASTM D5185m >10	<b>0</b>	---	---
Nickel	ppm ASTM D5185m	<b>0</b>	---	---
Titanium	ppm ASTM D5185m	<b>0</b>	---	---
Silver	ppm ASTM D5185m	<b>0</b>	---	---
Aluminum	ppm ASTM D5185m >25	<b>1</b>	---	---
Lead	ppm ASTM D5185m >25	<b>2</b>	---	---
Copper	ppm ASTM D5185m >50	<b>6</b>	---	---
Tin	ppm ASTM D5185m >15	<b>0</b>	---	---
Vanadium	ppm ASTM D5185m	<b>0</b>	---	---
Cadmium	ppm ASTM D5185m	<b>0</b>	---	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	<b>0</b>	---	---
Barium	ppm ASTM D5185m	<b>0</b>	---	---
Molybdenum	ppm ASTM D5185m	<b>0</b>	---	---
Manganese	ppm ASTM D5185m	<b>0</b>	---	---
Magnesium	ppm ASTM D5185m	<b>1</b>	---	---
Calcium	ppm ASTM D5185m	<b>264</b>	---	---
Phosphorus	ppm ASTM D5185m	<b>1014</b>	---	---
Zinc	ppm ASTM D5185m	<b>1157</b>	---	---
Sulfur	ppm ASTM D5185m	<b>3218</b>	---	---

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >25	<b>&lt;1</b>	---	---
Sodium	ppm ASTM D5185m	<b>0</b>	---	---
Potassium	ppm ASTM D5185m >20	<b>1</b>	---	---

## FLUID CLEANLINESS

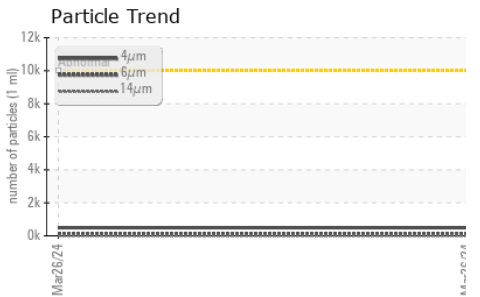
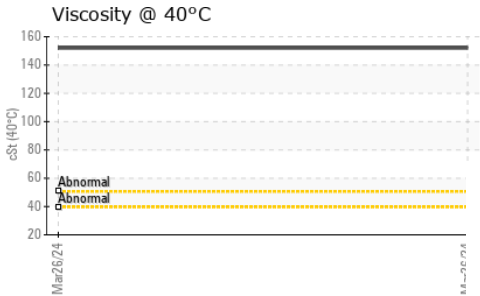
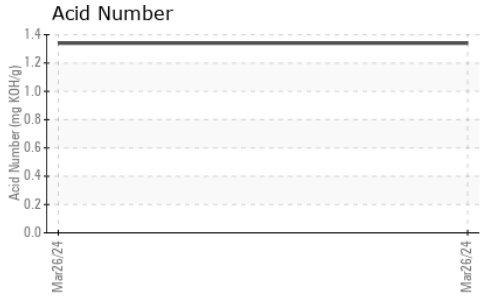
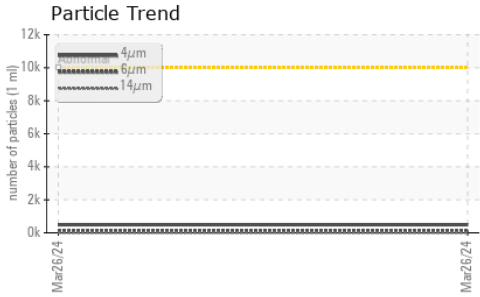
method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647 >10000	<b>491</b>	---	---
Particles >6µm	ASTM D7647 >2500	<b>86</b>	---	---
Particles >14µm	ASTM D7647 >320	<b>6</b>	---	---
Particles >21µm	ASTM D7647 >80	<b>1</b>	---	---
Particles >38µm	ASTM D7647 >20	<b>0</b>	---	---
Particles >71µm	ASTM D7647 >4	<b>0</b>	---	---
Oil Cleanliness	ISO 4406 (c) >20/18/15	<b>16/14/10</b>	---	---

## FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045	<b>1.34</b>	---	---



# OIL ANALYSIS REPORT



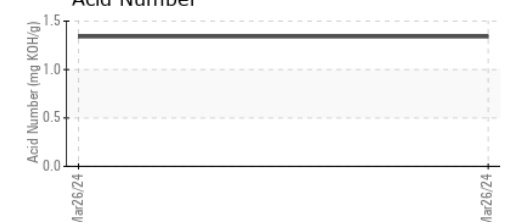
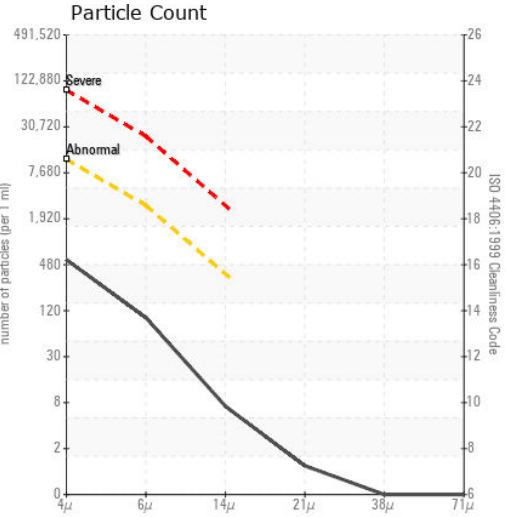
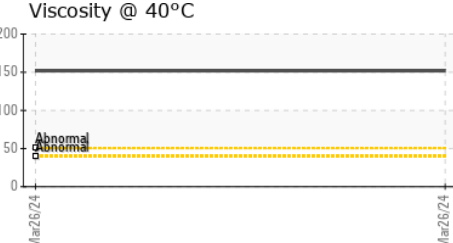
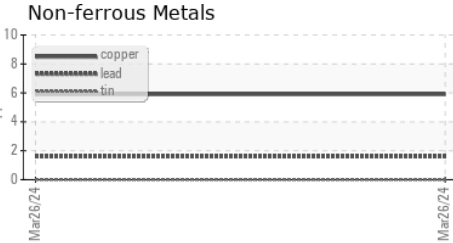
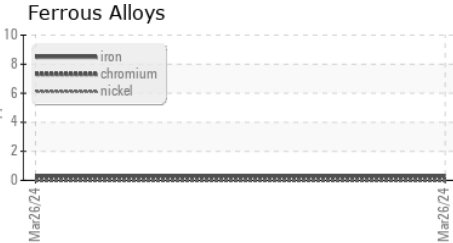
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
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 D445	152	---	---

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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0892866 **Received** : 27 Mar 2024  
**Lab Number** : 06130684 **Tested** : 28 Mar 2024  
**Unique Number** : 10950149 **Diagnosed** : 30 Mar 2024 - Don Baldrige  
**Test Package** : IND 2 ( Additional Tests: PrtCount )

**TROPICANA PRODUCTS INC**  
 1001 13TH AVE EAST  
 BRADENTON, FL  
 US 34208  
 Contact: AARON PIKE  
 aaron.pike@tropicana.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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