



# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area

[30231369210]

Machine Id

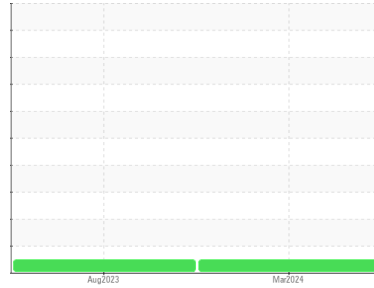
**FRICK COMP 2 (S/N 10242C26579054)**

Component

**Refrigeration Compressor**

Fluid

**FRICK COMPRESSOR OIL #3 (--- GAL)**



## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor.

### Wear

All component wear rates are normal.

### Contamination

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>WC06136470</b>	WC0816752	---
Sample Date	Client Info		<b>26 Mar 2024</b>	10 Aug 2023	---
Machine Age	hrs	Client Info	<b>9578</b>	6194	---
Oil Age	hrs	Client Info	<b>9578</b>	6194	---
Oil Changed	Client Info		<b>N/A</b>	N/A	---
Sample Status			<b>NORMAL</b>	NORMAL	---

## WEAR METALS

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

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>0</b>	0	---
Barium	ppm	ASTM D5185m	<b>0</b>	0	---
Molybdenum	ppm	ASTM D5185m	<b>0</b>	0	---
Manganese	ppm	ASTM D5185m	<b>0</b>	0	---
Magnesium	ppm	ASTM D5185m	<b>0</b>	<1	---
Calcium	ppm	ASTM D5185m	<b>0</b>	0	---
Phosphorus	ppm	ASTM D5185m	<b>0</b>	2	---
Zinc	ppm	ASTM D5185m	<b>0</b>	0	---
Sulfur	ppm	ASTM D5185m	<b>0</b>	0	---

## CONTAMINANTS

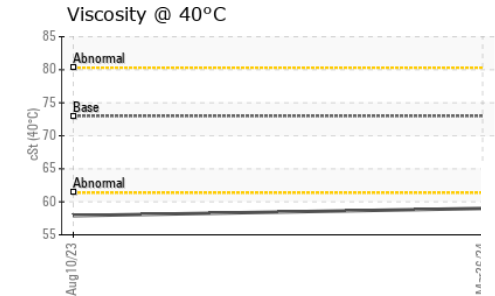
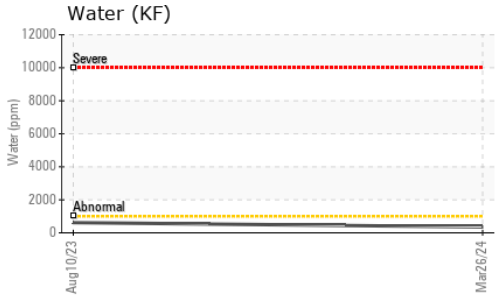
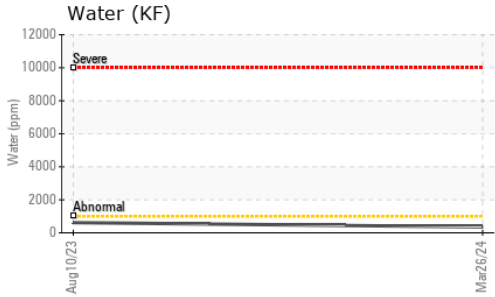
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	<b>3</b>	5	---
Sodium	ppm	ASTM D5185m	<b>&lt;1</b>	1	---
Potassium	ppm	ASTM D5185m >20	<b>0</b>	0	---
Water	%	ASTM D6304 >0.1	<b>0.035</b>	0.062	---
ppm Water	ppm	ASTM D6304 >1000	<b>355</b>	620.9	---

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	<b>0.041</b>	0.013	---





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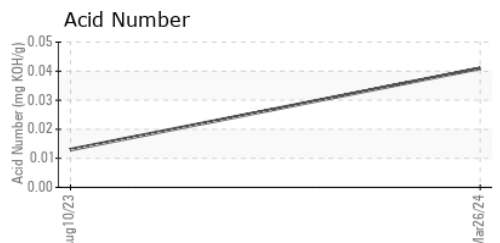
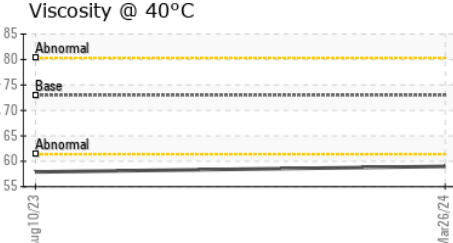
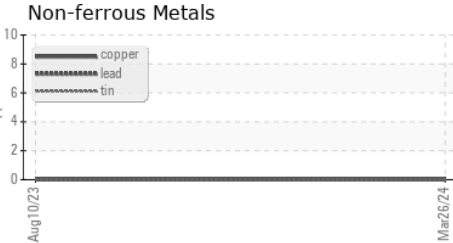
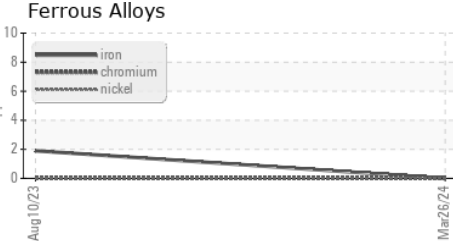
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*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 73	<b>59.0</b>	57.9	---

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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC06136470      **Received** : 02 Apr 2024  
**Lab Number** : **06136470**      **Tested** : 03 Apr 2024  
**Unique Number** : 10955935      **Diagnosed** : 04 Apr 2024 - Don Baldrige  
**Test Package** : IND 2 ( Additional Tests: KF )

**REAL GOOD FOODS**  
 525 W CROSSROADS PKWY  
 BOLINGBROOK, IL  
 US 60440  
 Contact: Service Manager

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)

T:  
F: