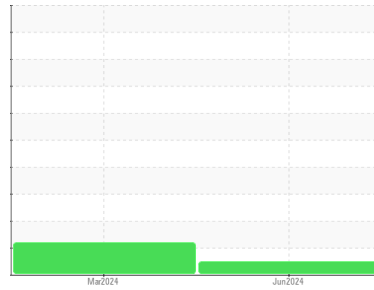


# OIL ANALYSIS REPORT

## Sample Rating Trend



**NORMAL**



Area  
**UTILITIES [99028054]**  
 Machine Id  
**GSC-4 (S/N 2556654)**  
 Component  
**Screw Compressor**  
 Fluid  
**CAMCO 717 SC (--- 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>PCA0117527</b>	PCA0098815	---
Sample Date	Client Info		<b>10 Jun 2024</b>	18 Mar 2024	---
Machine Age	hrs	Client Info	<b>42767</b>	0	---
Oil Age	hrs	Client Info	<b>0</b>	0	---
Oil Changed	Client Info		<b>N/A</b>	N/A	---
Sample Status			<b>NORMAL</b>	ABNORMAL	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >60	<b>0</b>	<1	---
Chromium	ppm	ASTM D5185m >4	<b>0</b>	<1	---
Nickel	ppm	ASTM D5185m	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	---
Silver	ppm	ASTM D5185m	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m >5	<b>0</b>	1	---
Lead	ppm	ASTM D5185m >10	<b>0</b>	1	---
Copper	ppm	ASTM D5185m >30	<b>&lt;1</b>	<1	---
Tin	ppm	ASTM D5185m >15	<b>0</b>	1	---
Vanadium	ppm	ASTM D5185m	<b>&lt;1</b>	<1	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	<1	---

## 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>	<1	---
Manganese	ppm	ASTM D5185m	<b>&lt;1</b>	<1	---
Magnesium	ppm	ASTM D5185m	<b>&lt;1</b>	0	---
Calcium	ppm	ASTM D5185m	<b>0</b>	3	---
Phosphorus	ppm	ASTM D5185m	<b>&lt;1</b>	2	---
Zinc	ppm	ASTM D5185m	<b>&lt;1</b>	0	---
Sulfur	ppm	ASTM D5185m	<b>0</b>	0	---

## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	<b>&lt;1</b>	0	---
Sodium	ppm	ASTM D5185m	<b>1</b>	0	---
Potassium	ppm	ASTM D5185m >20	<b>0</b>	<1	---
Water	%	ASTM D6304 >0.1	<b>0.003</b>	0.007	---
ppm Water	ppm	ASTM D6304 >1000	<b>27</b>	73	---

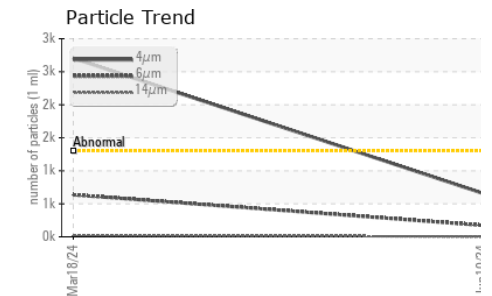
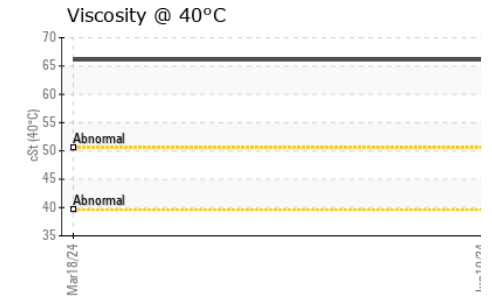
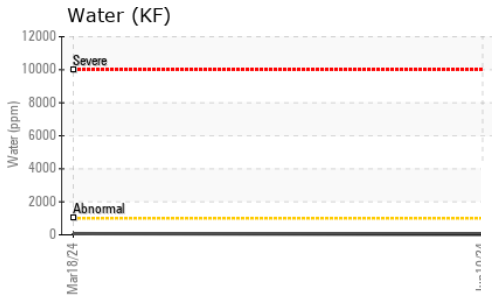
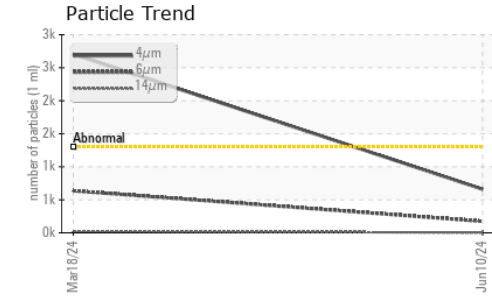
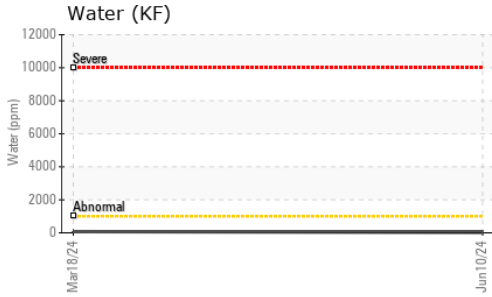
## FLUID CLEANLINESS

	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647	>1300	<b>660</b>	▲ 2705	---
Particles >6µm	ASTM D7647	>320	<b>174</b>	● 636	---
Particles >14µm	ASTM D7647	>80	<b>2</b>	26	---
Particles >21µm	ASTM D7647	>20	<b>0</b>	6	---
Particles >38µm	ASTM D7647	>4	<b>0</b>	0	---
Particles >71µm	ASTM D7647	>3	<b>0</b>	0	---
Oil Cleanliness	ISO 4406 (c)	>17/15/13	<b>17/15/9</b>	▲ 19/16/12	---

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	<b>0.014</b>	0.014	---

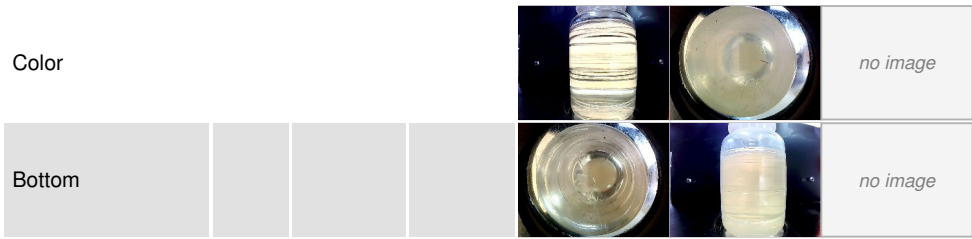
# OIL ANALYSIS REPORT



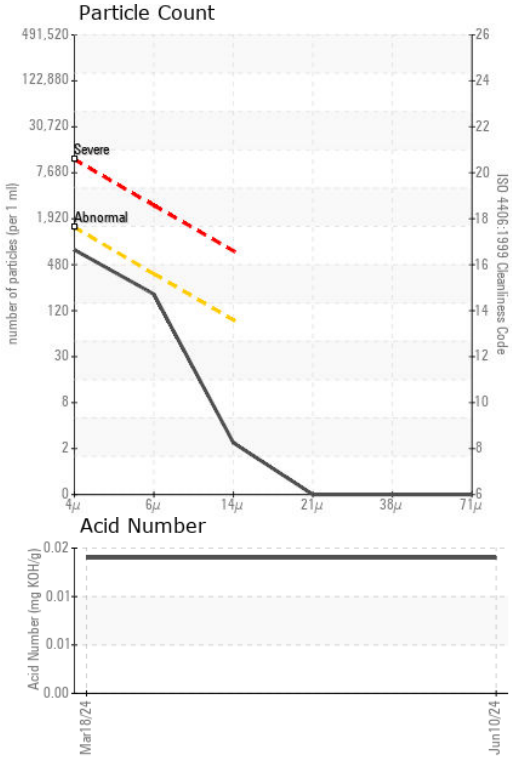
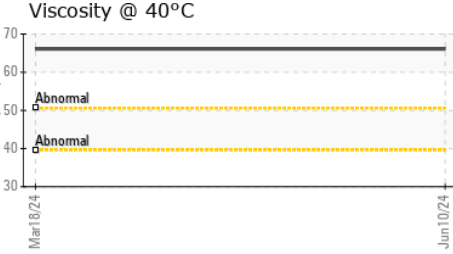
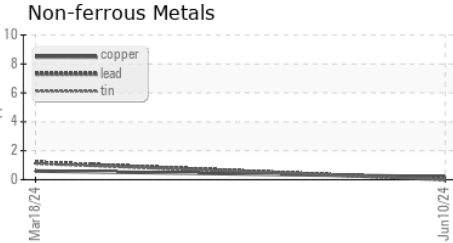
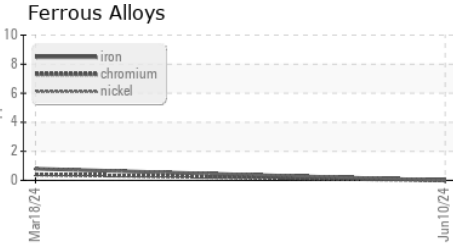
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*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	66.1	66.1	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0117527      **Received** : 17 Jun 2024  
**Lab Number** : 06211727      **Tested** : 18 Jun 2024  
**Unique Number** : 11084591      **Diagnosed** : 18 Jun 2024 - Don Baldrige  
**Test Package** : IND 2 ( Additional Tests: KF, PrtCount )

**KraftHeinz - Springfield - Plant 8311 PCA**  
 2035 E BENNETT  
 SPRINGFIELD, MO  
 US 65804  
 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: