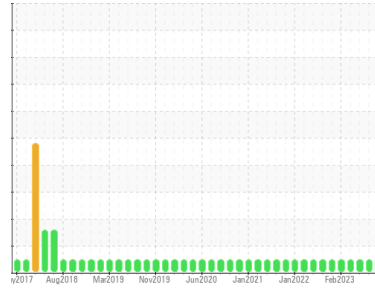




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area  
**PACKAGING CUB**  
 Machine Id  
**PVAC 2 (S/N 259171-1106)**  
 Component  
**Pump**  
 Fluid  
**KV 100 (2 QTS)**

## 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>WC05981303</b>	WCI2340159	WCI2340260
Sample Date	Client Info			<b>09 Oct 2023</b>	29 Aug 2023	12 Jun 2023
Machine Age	hrs	Client Info		<b>52047</b>	51555	50622
Oil Age	hrs	Client Info		<b>480</b>	500	701
Oil Changed	Client Info			<b>N/A</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>90	<b>0</b>	<1	0
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m	>3	<b>0</b>	0	0
Silver	ppm	ASTM D5185m	>3	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>7	<b>0</b>	<1	<1
Lead	ppm	ASTM D5185m	>12	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>30	<b>1</b>	0	0
Tin	ppm	ASTM D5185m	>9	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
Cadmium	ppm	ASTM D5185m		<b>0</b>	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>0</b>	0	0
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Manganese	ppm	ASTM D5185m		<b>0</b>	0	0
Magnesium	ppm	ASTM D5185m		<b>3</b>	11	11
Calcium	ppm	ASTM D5185m		<b>12</b>	21	23
Phosphorus	ppm	ASTM D5185m		<b>7</b>	16	14
Zinc	ppm	ASTM D5185m		<b>0</b>	13	10
Sulfur	ppm	ASTM D5185m		<b>6496</b>	8559	9433

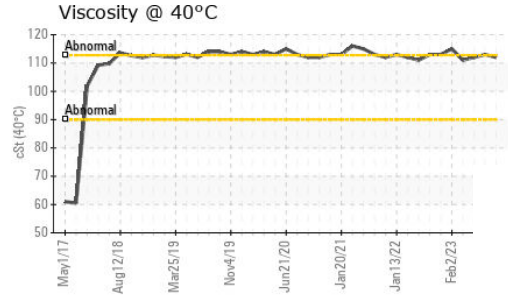
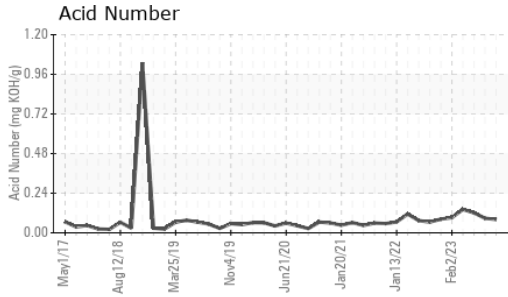
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>60	<b>6</b>	22	5
Sodium	ppm	ASTM D5185m		<b>3</b>	<1	2
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	<1	<1

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.081</b>	0.088	0.121




VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>.1	<b>NEG</b>	NEG	NEG
Free Water	scalar	*Visual		<b>NEG</b>	NEG	NEG



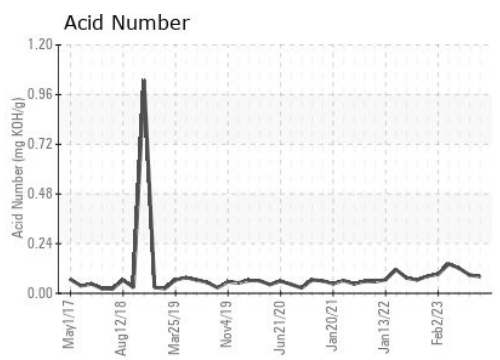
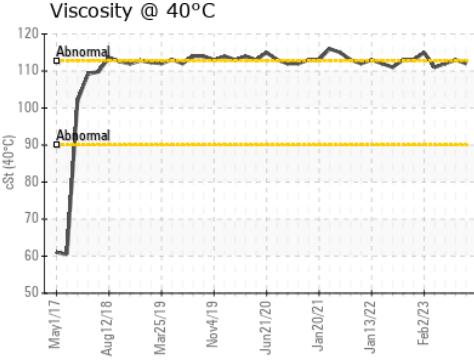
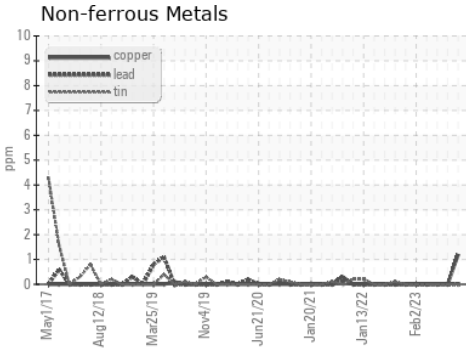
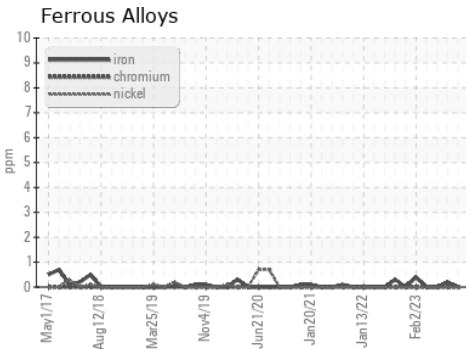
# OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	<b>112</b>	113	112

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

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC05981303 **Received** : 17 Oct 2023  
**Lab Number** : 05981303 **Diagnosed** : 19 Oct 2023  
**Unique Number** : 10698598 **Diagnostician** : Don Baldrige  
**Test Package** : IND 2

**QORVO**  
 7914 PIEDMONT TRIAD PKWY  
 GREENSBORO, NC  
 US 27409  
 Contact: JIM AGNER  
 jim.agner@qorvo.com  
 T: (336)678-5038  
 F:

Certificate L2367  
 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)