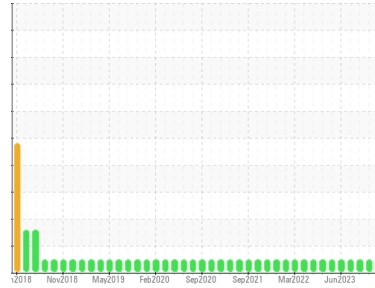




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area  
**PACKAGING CUB**  
 Machine Id  
**PVAC 2 (S/N 259171-1106)**  
 Component  
**Pump**  
 Fluid  
**KV100 (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>WCI2340146</b>	WCI2340259	WC05981303
Sample Date	Client Info		<b>19 Feb 2024</b>	08 Jan 2024	09 Oct 2023
Machine Age	hrs	Client Info	<b>53640</b>	54822	52047
Oil Age	hrs	Client Info	<b>500</b>	1000	480
Oil Changed	Client Info		<b>Changed</b>	Changed	N/A
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>.1	<b>NEG</b>	NEG	NEG

## WEAR METALS

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

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>0</b>	0	0
Barium	ppm	ASTM D5185m	<b>5</b>	0	0
Molybdenum	ppm	ASTM D5185m	<b>1</b>	0	<1
Manganese	ppm	ASTM D5185m	<b>&lt;1</b>	0	0
Magnesium	ppm	ASTM D5185m	<b>7</b>	10	3
Calcium	ppm	ASTM D5185m	<b>16</b>	21	12
Phosphorus	ppm	ASTM D5185m	<b>0</b>	14	7
Zinc	ppm	ASTM D5185m	<b>13</b>	14	0
Sulfur	ppm	ASTM D5185m	<b>8605</b>	7805	6496

## CONTAMINANTS

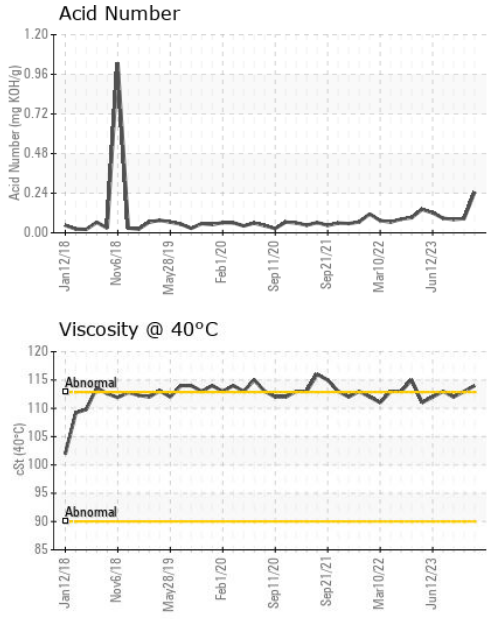
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >60	<b>10</b>	4	6
Sodium	ppm	ASTM D5185m	<b>0</b>	3	3
Potassium	ppm	ASTM D5185m >20	<b>&lt;1</b>	0	0

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	<b>0.246</b>	0.086	0.081



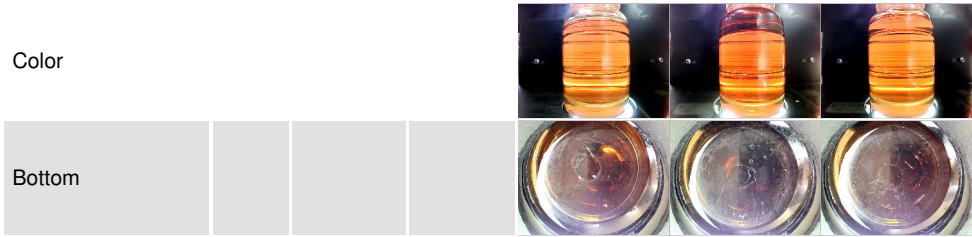
# OIL ANALYSIS REPORT



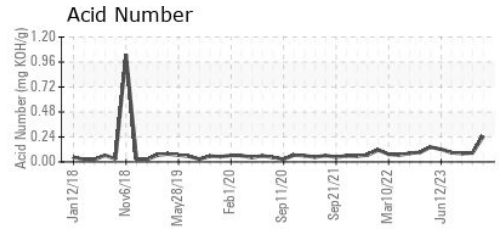
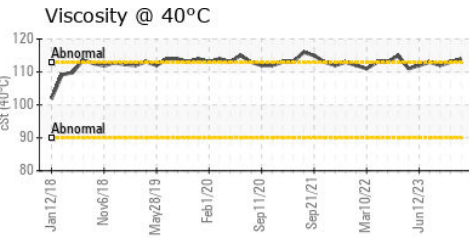
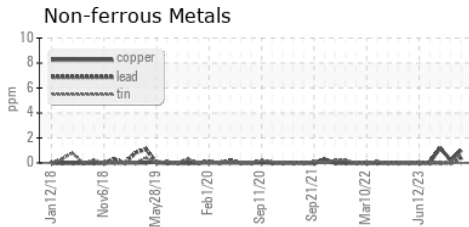
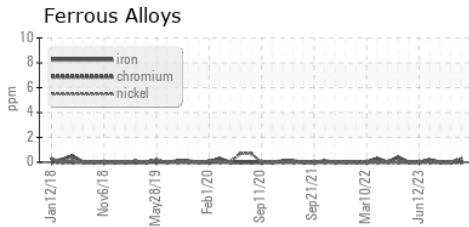
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	114	113	112

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



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC12340146  
**Lab Number** : 06097882  
**Unique Number** : 10896112  
**Test Package** : IND 2  
**Received** : 22 Feb 2024  
**Tested** : 23 Feb 2024  
**Diagnosed** : 25 Feb 2024 - Don Baldrige

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

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)