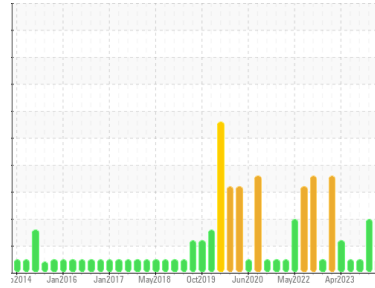




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area  
**DEPT 300 CAN PRESS [987946]**  
 Machine Id  
**QUINCY 3 (S/N 10AA028)**  
 Component  
**Compressor**  
 Fluid  
**{not provided} (46 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>WC0897105</b>	WC0852646	WC0816149
Sample Date	Client Info	<b>22 Mar 2024</b>	28 Oct 2023	06 Oct 2023
Machine Age	hrs	<b>0</b>	0	0
Oil Age	hrs	<b>0</b>	0	0
Oil Changed	Client Info	<b>N/A</b>	N/A	N/A
Sample Status		<b>NORMAL</b>	ABNORMAL	NORMAL

## CONTAMINATION

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

## WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >50	<b>0</b>	0	<1
Chromium	ppm ASTM D5185m >10	<b>0</b>	0	0
Nickel	ppm ASTM D5185m	<b>0</b>	0	0
Titanium	ppm ASTM D5185m	<b>0</b>	0	0
Silver	ppm ASTM D5185m	<b>0</b>	0	0
Aluminum	ppm ASTM D5185m >25	<b>1</b>	0	0
Lead	ppm ASTM D5185m >25	<b>0</b>	0	0
Copper	ppm ASTM D5185m >50	<b>0</b>	<1	<1
Tin	ppm ASTM D5185m >15	<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>0</b>	0	0
Manganese	ppm ASTM D5185m	<b>0</b>	0	0
Magnesium	ppm ASTM D5185m	<b>&lt;1</b>	0	0
Calcium	ppm ASTM D5185m	<b>3</b>	0	0
Phosphorus	ppm ASTM D5185m	<b>140</b>	117	140
Zinc	ppm ASTM D5185m	<b>4</b>	0	0
Sulfur	ppm ASTM D5185m	<b>0</b>	0	58

## CONTAMINANTS

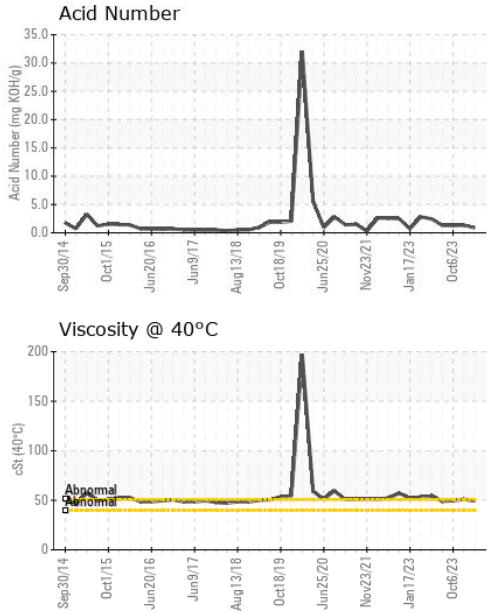
method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >25	<b>0</b>	0	0
Sodium	ppm ASTM D5185m	<b>&lt;1</b>	<1	2
Potassium	ppm ASTM D5185m >20	<b>&lt;1</b>	0	0

## FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045	<b>0.88</b>	1.35	1.286



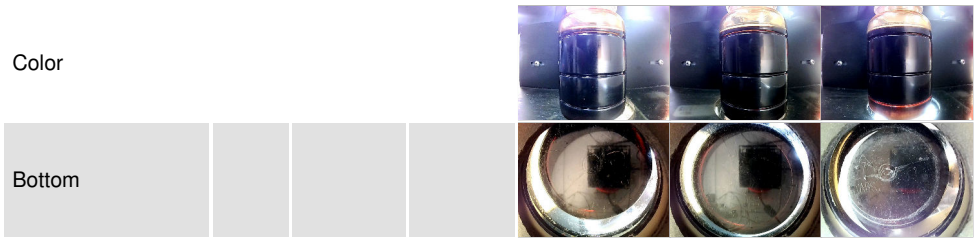
# OIL ANALYSIS REPORT



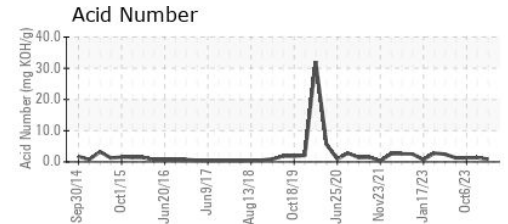
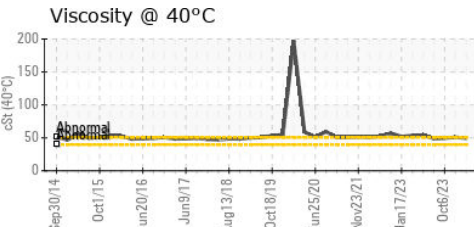
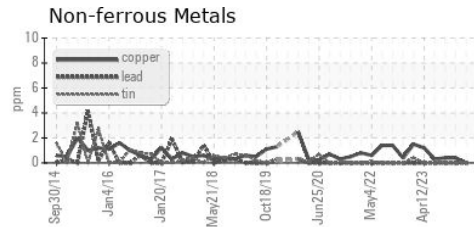
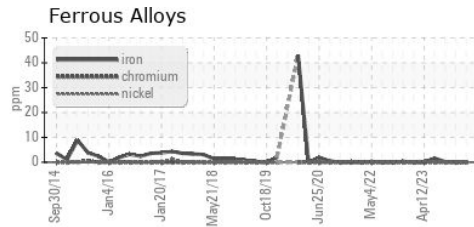
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	49.4	50.9	49.6

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



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0897105 **Received** : 27 Mar 2024  
**Lab Number** : 06130774 **Tested** : 28 Mar 2024  
**Unique Number** : 10950239 **Diagnosed** : 01 Apr 2024 - Jonathan Hester  
**Test Package** : IND 2

**BALDWIN FILTERS INC**  
 4400 HIGHWAY 30 EAST  
 KEARNEY, NE  
 US 68847-0724  
 Contact: JAY FAHRENBRUCH  
 jay.fahrenbruch@parker.com

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) F: (800)828-4453