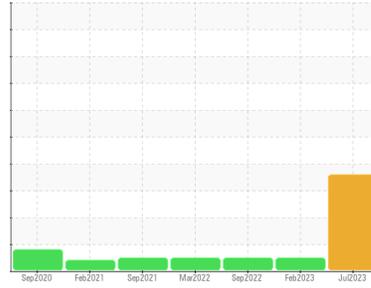


# PROBLEM SUMMARY

Area  
**PLANT 1 [906890457]**  
Machine Id  
**RC-13 PLANT 1 (S/N 2210523)**  
Component  
**Refrigeration Compressor**  
Fluid  
**MYCOM MYCOLD AB68 (165 GAL)**

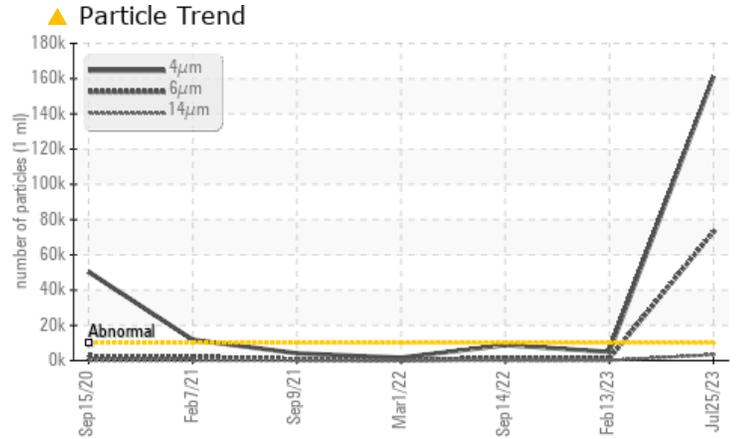
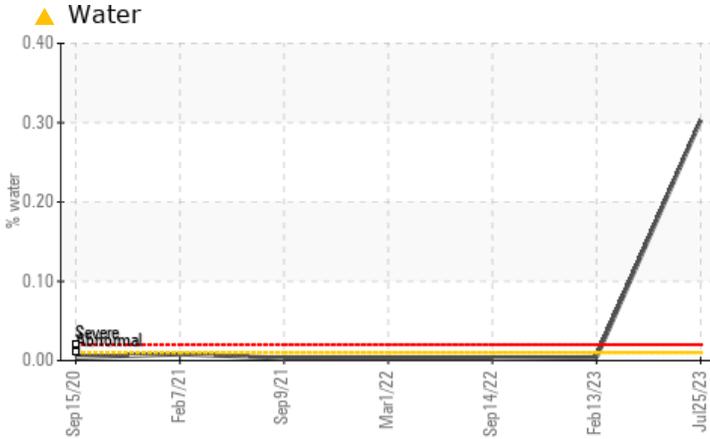
Sample Rating Trend



**WATER**



## COMPONENT CONDITION SUMMARY



## RECOMMENDATION

We recommend you service the filters on this component. Resample at the next service interval to monitor.

## PROBLEMATIC TEST RESULTS

Sample Status				<b>ABNORMAL</b>	NORMAL	NORMAL
Water	%	ASTM D6304	>0.01	<b>▲ 0.303</b>	0.004	0.003
ppm Water	ppm	ASTM D6304	>100	<b>▲ 3036.9</b>	46.8	33.7
Particles >4µm		ASTM D7647	>10000	<b>▲ 161268</b>	4889	8781
Particles >6µm		ASTM D7647	>2500	<b>▲ 73050</b>	1258	1289
Particles >14µm		ASTM D7647	>320	<b>▲ 3304</b>	47	8
Particles >21µm		ASTM D7647	>80	<b>▲ 270</b>	11	1
Oil Cleanliness		ISO 4406 (c)	>20/18/15	<b>▲ 25/23/19</b>	19/17/13	20/17/10

Customer Id: MCCEASPCA  
Sample No.: PCA0079284  
Lab Number: 05919350  
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:  
Doug Bogart +1 (800)237-1369 x4016  
[dougb@wearcheckusa.com](mailto:dougb@wearcheckusa.com)

To change component or sample information:  
Customer Service +1 1-800-237-1369  
[customerservice@wearcheck.com](mailto:customerservice@wearcheck.com)

## RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Filter	---	---	?	We recommend you service the filters on this component.

## HISTORICAL DIAGNOSIS

### 13 Feb 2023 Diag: Don Baldrige

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



### 14 Sep 2022 Diag: Don Baldrige

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



### 01 Mar 2022 Diag: Don Baldrige

NORMAL



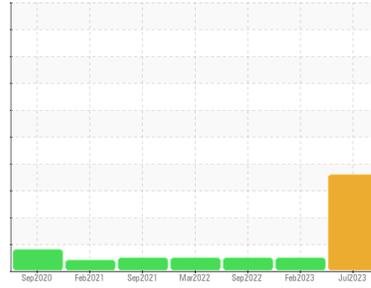
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



# OIL ANALYSIS REPORT

## Sample Rating Trend



**WATER**



Area  
**PLANT 1 [906890457]**  
 Machine Id  
**RC-13 PLANT 1 (S/N 2210523)**  
 Component  
**Refrigeration Compressor**  
 Fluid  
**MYCOM MYCOLD AB68 (165 GAL)**

### DIAGNOSIS

#### Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

#### Wear

All component wear rates are normal.

#### Contamination

There is a high amount of particulates present in the oil. There is a light concentration of water present 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>PCA0079284</b>	PCA0046390	PCA0060095
Sample Date	Client Info	<b>25 Jul 2023</b>	13 Feb 2023	14 Sep 2022
Machine Age	hrs	<b>17037</b>	14133	10977
Oil Age	hrs	<b>0</b>	0	0
Oil Changed	Client Info	<b>Not Chngd</b>	Not Chngd	Not Chngd
Sample Status		<b>ABNORMAL</b>	NORMAL	NORMAL

### WEAR METALS

method	limit/base	current	history1	history2	
Iron	ppm	ASTM D5185m >8	<b>3</b>	2	2
Chromium	ppm	ASTM D5185m >2	<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 >2	<b>&lt;1</b>	0	0
Aluminum	ppm	ASTM D5185m >3	<b>0</b>	<1	<1
Lead	ppm	ASTM D5185m >2	<b>0</b>	0	0
Copper	ppm	ASTM D5185m >8	<b>0</b>	0	0
Tin	ppm	ASTM D5185m >4	<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>0</b>	0	0
Calcium	ppm	ASTM D5185m	<b>0</b>	0	0
Phosphorus	ppm	ASTM D5185m 2.3	<b>0</b>	2	0
Zinc	ppm	ASTM D5185m	<b>&lt;1</b>	0	0
Sulfur	ppm	ASTM D5185m 26	<b>0</b>	0	0

### CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m >15	<b>5</b>	4	4
Sodium	ppm	ASTM D5185m	<b>0</b>	0	0
Potassium	ppm	ASTM D5185m >20	<b>&lt;1</b>	0	0
Water	%	ASTM D6304 >0.01	<b>▲ 0.303</b>	0.004	0.003
ppm Water	ppm	ASTM D6304 >100	<b>▲ 3036.9</b>	46.8	33.7

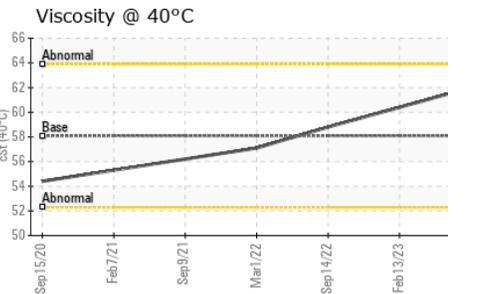
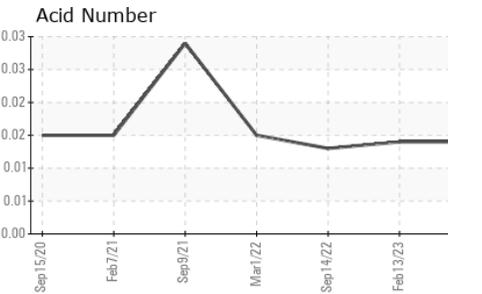
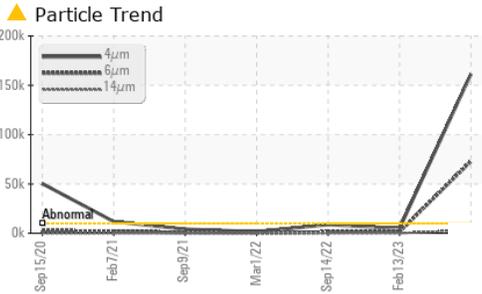
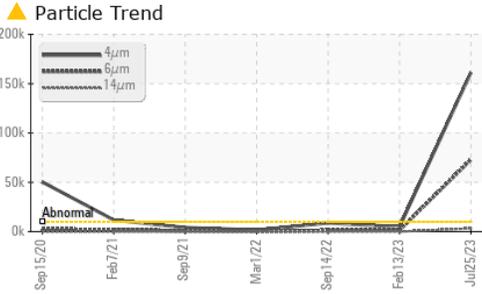
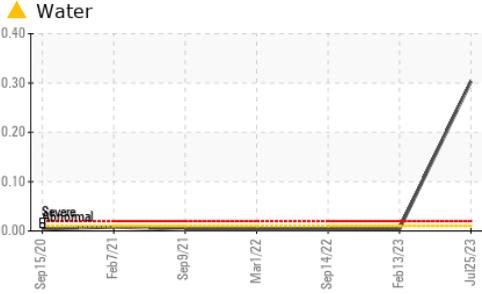
### FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647 >10000	<b>▲ 161268</b>	4889	8781
Particles >6µm	ASTM D7647 >2500	<b>▲ 73050</b>	1258	1289
Particles >14µm	ASTM D7647 >320	<b>▲ 3304</b>	47	8
Particles >21µm	ASTM D7647 >80	<b>▲ 270</b>	11	1
Particles >38µm	ASTM D7647 >20	<b>1</b>	1	0
Particles >71µm	ASTM D7647 >4	<b>0</b>	0	0
Oil Cleanliness	ISO 4406 (c) >20/18/15	<b>▲ 25/23/19</b>	19/17/13	20/17/10

### FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D974	<b>0.014</b>	0.014	0.013

# OIL ANALYSIS REPORT



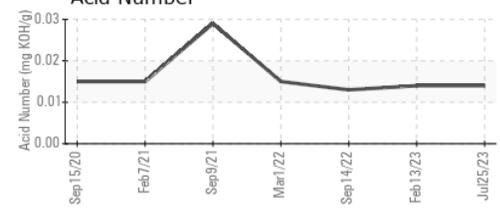
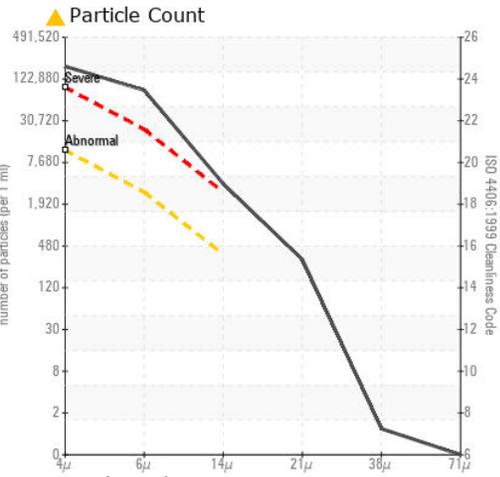
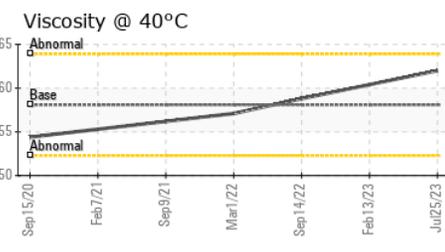
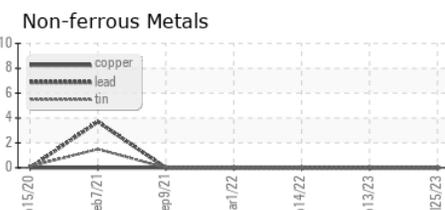
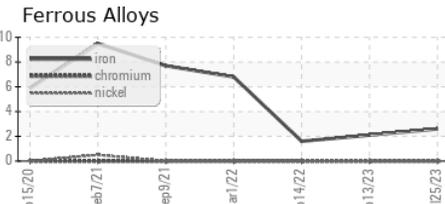
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.01	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	58.09	62.0	60.4

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



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : PCA0079284 **Received** : 08 Aug 2023  
**Lab Number** : 05919350 **Diagnosed** : 09 Aug 2023  
**Unique Number** : 10591264 **Diagnostician** : Doug Bogart  
**Test Package** : IND 2 ( Additional Tests: PrtCount )

**MCCAIN FOODS**  
 319 RICHARDSON RD  
 EASTON, ME  
 US 04740  
 Contact: ROCKY DEWITT  
 rocky.dewitt@mccain.com  
 T: (207)488-1251  
 F: (207)488-1249

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)