



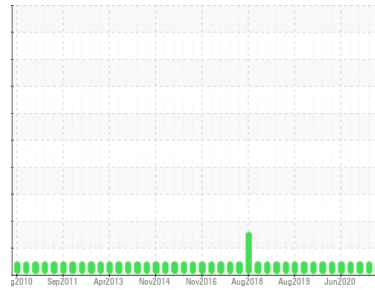
# PROBLEM SUMMARY

Sample Rating Trend

VISCOSITY

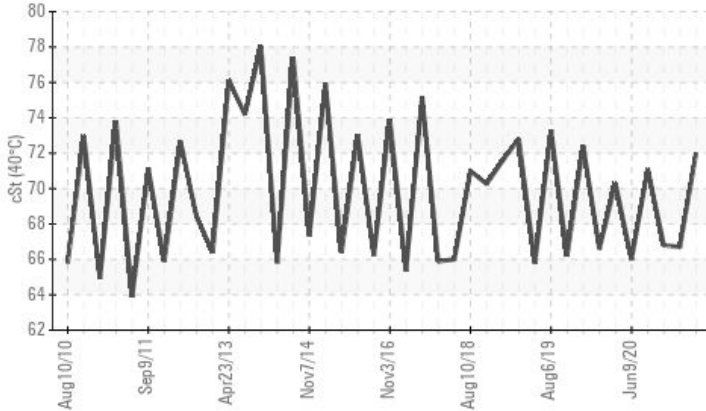


Machine Id  
**MYCOM S-2 (S/N 2053899)**  
Component  
**Refrigeration Compressor**  
Fluid  
**MYCOM MYCOLD AB68 (55 GAL)**



## COMPONENT CONDITION SUMMARY

▲ Viscosity @ 40°C



## RECOMMENDATION

Resample at the next service interval to monitor.  
Please note that this is a corrected copy for data entry updates.

## PROBLEMATIC TEST RESULTS

Sample Status			ABNORMAL	NORMAL	NORMAL
Visc @ 40°C	cSt	ASTM D445	▲ 72.0	66.7	66.8

Customer Id: LINPORSAC  
Sample No.: USP226175  
Lab Number: 05279212  
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:  
System Automation +1 905-569-8600 x230  
[Kevin.Marson@wearcheck.com](mailto:Kevin.Marson@wearcheck.com)

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

## RECOMMENDED ACTIONS

*There are no recommended actions for this sample.*

## HISTORICAL DIAGNOSIS

### 04 Jun 2021 Diag: Doug Bogart

NORMAL



Resample at the next service interval to monitor. All component wear rates are normal. The water content is negligible. 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



### 09 Dec 2020 Diag: Doug Bogart

NORMAL



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

view report



### 02 Dec 2020 Diag: Jonathan Hester

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.

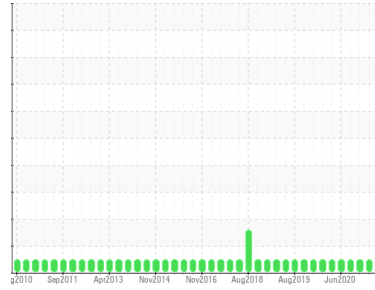
view report





# OIL ANALYSIS REPORT

## Sample Rating Trend



## VISCOSITY



Machine Id  
**MYCOM S-2 (S/N 2053899)**  
 Component  
**Refrigeration Compressor**  
 Fluid  
**MYCOM MYCOLD AB68 (55 GAL)**

### DIAGNOSIS

#### Recommendation

Resample at the next service interval to monitor. Please note that this is a corrected copy for data entry updates.

#### Wear

All component wear rates are normal.

#### Contamination

There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

#### 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>USP226175</b>	USP210091	USP210086
Sample Date	Client Info		<b>09 Jun 2021</b>	04 Jun 2021	09 Dec 2020
Machine Age	hrs	Client Info	<b>103422</b>	12531	12461
Oil Age	hrs	Client Info	<b>103422</b>	12531	12461
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	<b>0</b>	5	5
Chromium	ppm	ASTM D5185m	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185m	<b>0</b>	0	0
Titanium	ppm	ASTM D5185m	<b>0</b>	0	0
Silver	ppm	ASTM D5185m	<b>&lt;1</b>	<1	0
Aluminum	ppm	ASTM D5185m	<b>0</b>	<1	0
Lead	ppm	ASTM D5185m	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	<b>0</b>	<1	0
Tin	ppm	ASTM D5185m	<b>0</b>	0	0
Antimony	ppm	ASTM D5185m	<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>&lt;1</b>	1	0
Barium	ppm	ASTM D5185m	<b>0</b>	3	6
Molybdenum	ppm	ASTM D5185m	<b>0</b>	0	0
Manganese	ppm	ASTM D5185m	<b>0</b>	0	<1
Magnesium	ppm	ASTM D5185m	<b>0</b>	0	0
Calcium	ppm	ASTM D5185m	<b>0</b>	0	0
Phosphorus	ppm	ASTM D5185m	<b>0</b>	0	0
Zinc	ppm	ASTM D5185m	<b>0</b>	7	0
Sulfur	ppm	ASTM D5185m	<b>33</b>	1579	1597

### CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	<b>0</b>	0	1
Sodium	ppm	ASTM D5185m	<b>0</b>	<1	0
Potassium	ppm	ASTM D5185m	<b>0</b>	0	0
Water	%	ASTM D6304	<b>0.002</b>	0.001	0.002
ppm Water	ppm	ASTM D6304	<b>22.6</b>	2.2	22.7

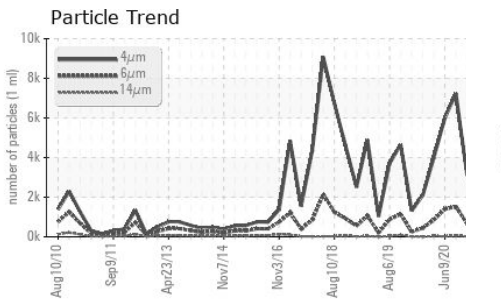
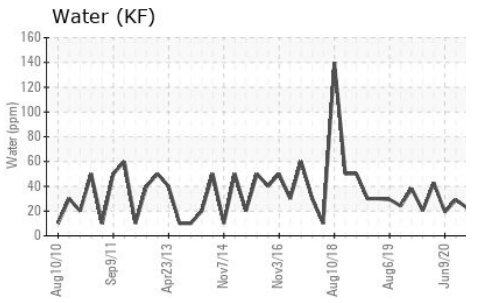
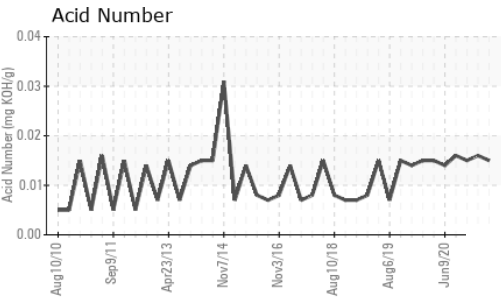
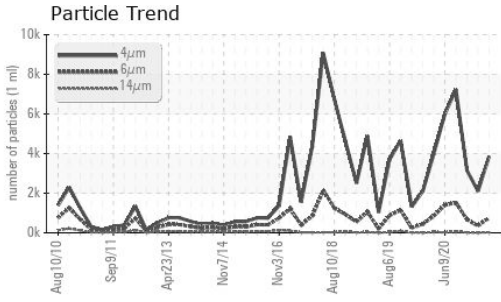
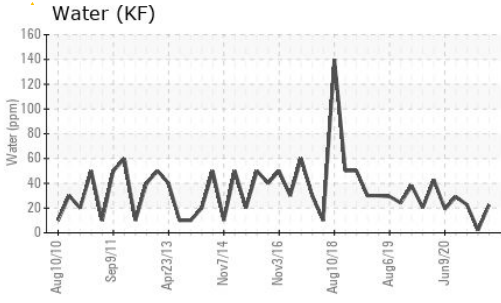
### FLUID CLEANLINESS

	method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647		<b>3856</b>	2100	3147
Particles >6µm	ASTM D7647		<b>754</b>	355	667
Particles >14µm	ASTM D7647		<b>22</b>	6	17
Particles >21µm	ASTM D7647		<b>6</b>	2	5
Particles >38µm	ASTM D7647		<b>0</b>	0	0
Particles >71µm	ASTM D7647		<b>0</b>	0	0
Oil Cleanliness	ISO 4406 (c)		<b>19/17/12</b>	18/16/10	19/17/11

### FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974	<b>0.015</b>	0.016	0.015

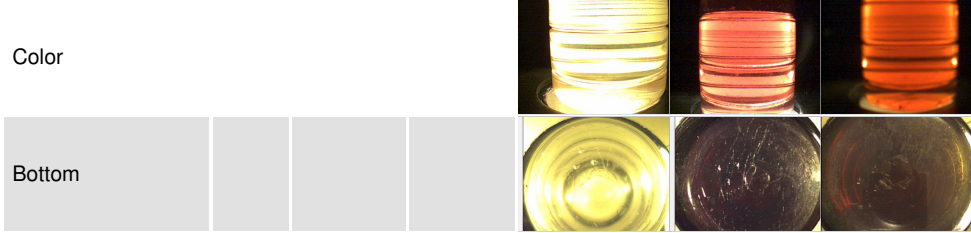
# OIL ANALYSIS REPORT



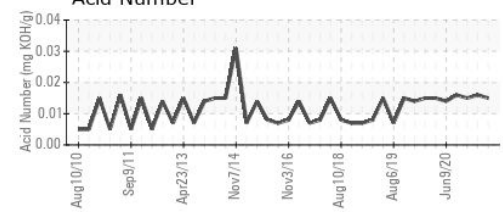
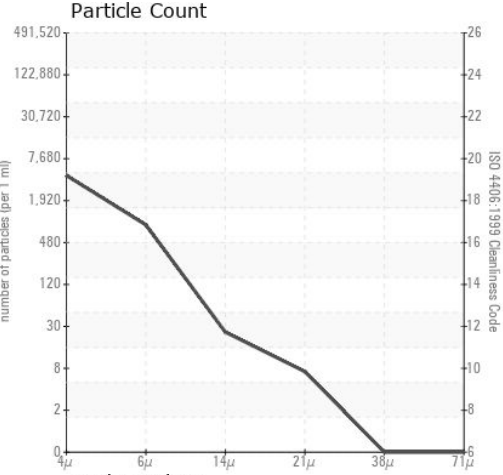
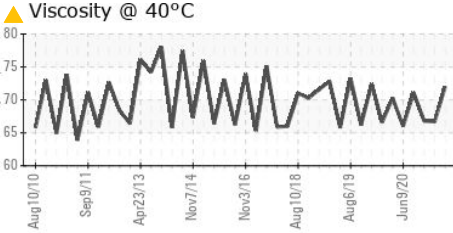
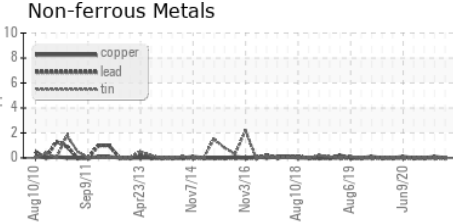
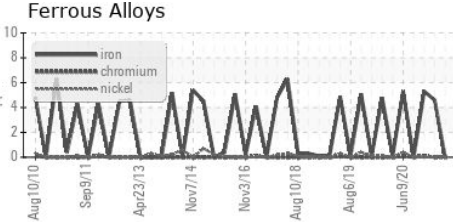
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	▲ 72.0	66.7	66.8

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



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : USP226175 **Received** : 15 Jun 2021  
**Lab Number** : 05279212 **Diagnosed** : 02 Oct 2023  
**Unique Number** : 9543145 **Diagnostician** : System  
**Test Package** : IND 2

**HENNINGSEN COLD STORAGE - 17400**  
 17400 NE SACRAMENTO ST  
 PORTLAND, OR  
 US 97230  
 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)