



# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area

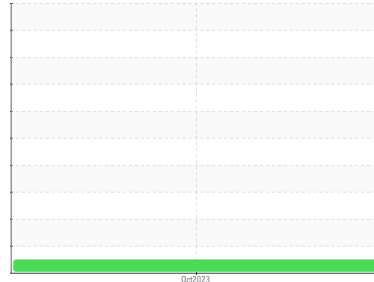
**NOT GIVEN [SVO-057224]**

Machine Id

**INGERSOLL RAND CBV426389 - STERICYCLE-MEDICAL WASTE**

Component

**Compressor**



## DIAGNOSIS

### Recommendation

The filter change at the time of sampling has been noted. 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 acceptable for the time in service.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>UCH05999130</b>	---	---
Sample Date	Client Info	<b>31 Oct 2023</b>	---	---
Machine Age	hrs Client Info	<b>58997</b>	---	---
Oil Age	hrs Client Info	<b>4731</b>	---	---
Oil Changed	Client Info	<b>Not Chngd</b>	---	---
Sample Status		<b>NORMAL</b>	---	---

## WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >50	<b>&lt;1</b>	---	---
Chromium ppm	ASTM D5185m >10	<b>&lt;1</b>	---	---
Nickel ppm	ASTM D5185m	<b>&lt;1</b>	---	---
Titanium ppm	ASTM D5185m	<b>0</b>	---	---
Silver ppm	ASTM D5185m	<b>0</b>	---	---
Aluminum ppm	ASTM D5185m >25	<b>&lt;1</b>	---	---
Lead ppm	ASTM D5185m >25	<b>&lt;1</b>	---	---
Copper ppm	ASTM D5185m >50	<b>1</b>	---	---
Tin ppm	ASTM D5185m >15	<b>0</b>	---	---
Vanadium ppm	ASTM D5185m	<b>0</b>	---	---
Cadmium ppm	ASTM D5185m	<b>&lt;1</b>	---	---

## ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m 2	<b>1</b>	---	---
Barium ppm	ASTM D5185m 525	<b>472</b>	---	---
Molybdenum ppm	ASTM D5185m 10	<b>0</b>	---	---
Manganese ppm	ASTM D5185m	<b>0</b>	---	---
Magnesium ppm	ASTM D5185m 5	<b>2</b>	---	---
Calcium ppm	ASTM D5185m 10	<b>11</b>	---	---
Phosphorus ppm	ASTM D5185m 250	<b>9</b>	---	---
Zinc ppm	ASTM D5185m 100	<b>88</b>	---	---
Sulfur ppm	ASTM D5185m 400	<b>431</b>	---	---

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >25	<b>1</b>	---	---
Sodium ppm	ASTM D5185m	<b>87</b>	---	---
Potassium ppm	ASTM D5185m >20	<b>9</b>	---	---

## FLUID DEGRADATION

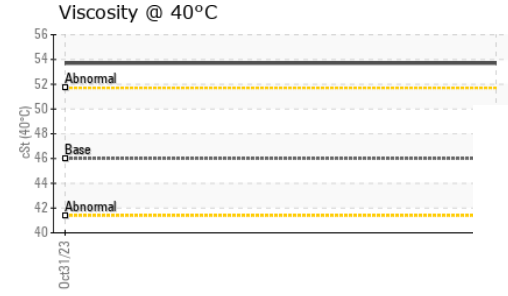
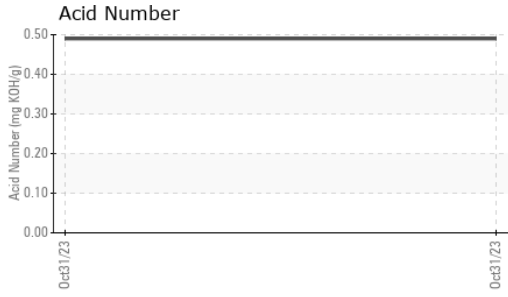
method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g	ASTM D8045	<b>0.49</b>	---	---

## VISUAL

method	limit/base	current	history1	history2
White Metal scalar	*Visual NONE	<b>NONE</b>	---	---
Yellow Metal scalar	*Visual NONE	<b>NONE</b>	---	---
Precipitate scalar	*Visual NONE	<b>NONE</b>	---	---
Silt scalar	*Visual NONE	<b>NONE</b>	---	---
Debris scalar	*Visual NONE	<b>NONE</b>	---	---
Sand/Dirt scalar	*Visual NONE	<b>NONE</b>	---	---
Appearance scalar	*Visual NORML	<b>NORML</b>	---	---
Odor scalar	*Visual NORML	<b>NORML</b>	---	---
Emulsified Water scalar	*Visual >0.8	<b>NEG</b>	---	---
Free Water scalar	*Visual	<b>NEG</b>	---	---



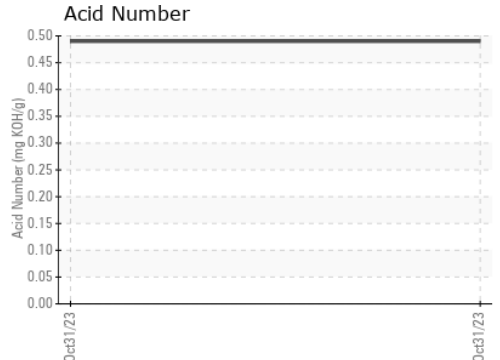
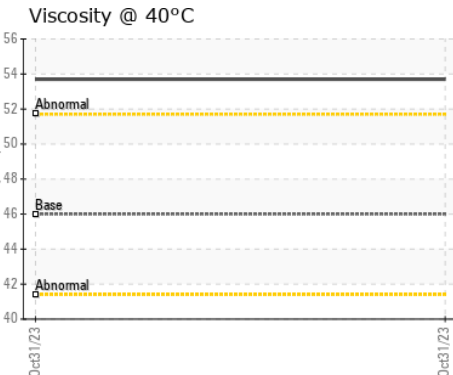
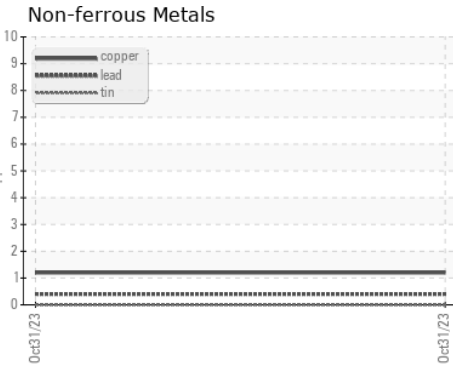
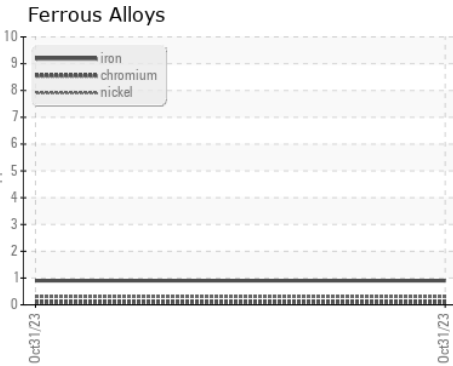
# OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	<b>53.7</b>	---	---

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

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCH05999130 **Received** : 06 Nov 2023  
**Lab Number** : **05999130** **Diagnosed** : 07 Nov 2023  
**Unique Number** : 10727490 **Diagnostician** : Angela Borella  
**Test Package** : IND 2

**JOHN HENRY FOSTER COMPANY**  
 4700 LEBOURGET STREET  
 SAINT LOUIS, MO  
 US 63134  
 Contact: RACHEL VON HATTEN  
 rvonhatten@jhf.com  
 T: (314)593-1267  
 F: (314)874-0965

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)