



# OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Area

**NOT GIVEN**

Machine Id

**INGERSOLL RAND JE0433U94111 - HEM SAW**

Component

**Compressor**

## RECOMMENDATION

Oil and 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.

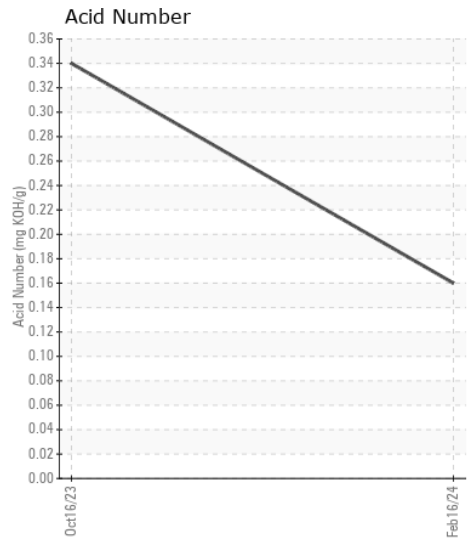
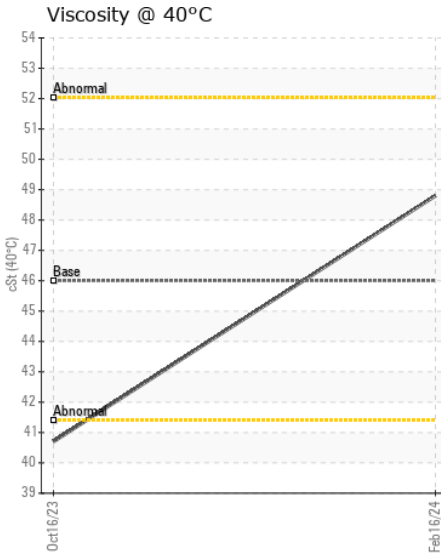
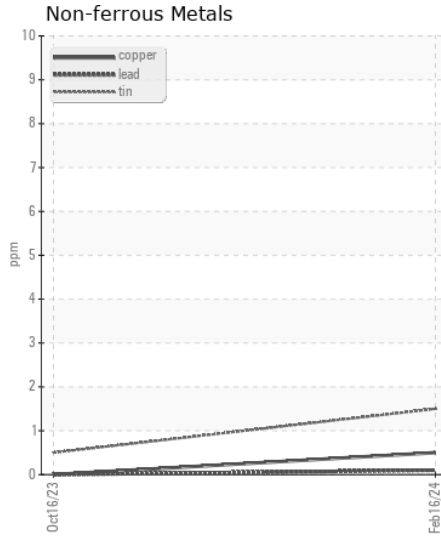
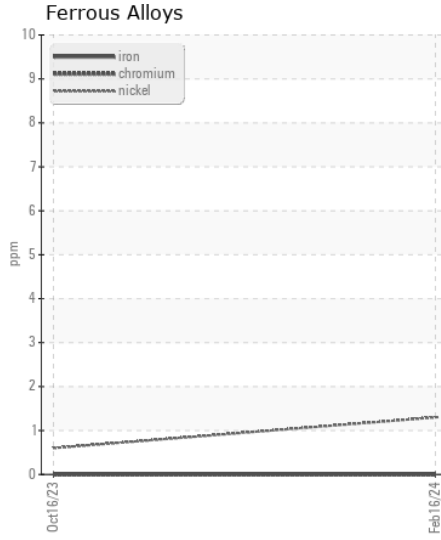
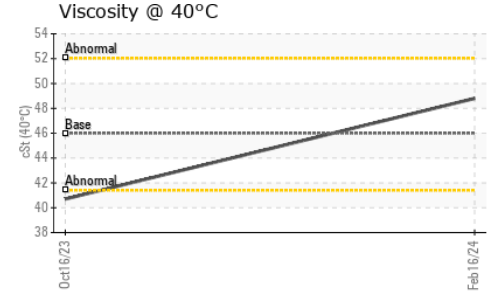
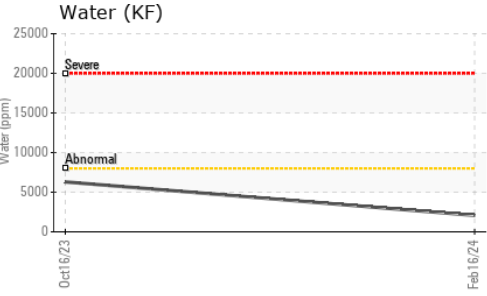
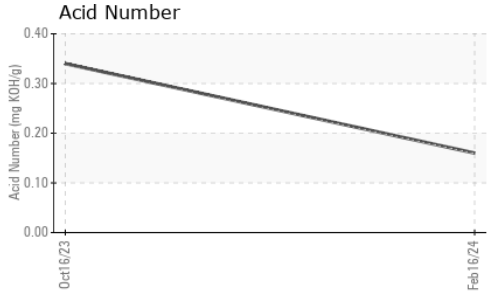
## CONTAMINATION

Moderate concentration of visible dirt/debris present in the oil.

## FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>UCH06098508</b>	UCH05987456	---
Sample Date		Client Info		<b>16 Feb 2024</b>	16 Oct 2023	---
Machine Age	hrs	Client Info		<b>969</b>	72	---
Oil Age	hrs	Client Info		<b>8000</b>	8000	---
Filter Age	hrs	Client Info		<b>8000</b>	8000	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>Changed</b>	Changed	---
Sample Status				<b>NORMAL</b>	ATTENTION	---
Iron	ppm	ASTM D5185m	>50	<b>0</b>	0	---
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	0	---
Nickel	ppm	ASTM D5185m		<b>1</b>	<1	---
Titanium	ppm	ASTM D5185m		<b>0</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>25	<b>1</b>	1	---
Lead	ppm	ASTM D5185m	>25	<b>&lt;1</b>	0	---
Copper	ppm	ASTM D5185m	>50	<b>&lt;1</b>	0	---
Tin	ppm	ASTM D5185m	>15	<b>2</b>	<1	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Silicon	ppm	ASTM D5185m	>25	<b>2</b>	2	---
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	2	---
Water	%	ASTM D6304	>0.8	<b>0.207</b>	▲ 0.630	---
ppm Water	ppm	ASTM D6304	>8000	<b>2070</b>	▲ 6300	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>MODER</b>	NONE	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.8	<b>0.2%</b>	0.2%	---
Sodium	ppm	ASTM D5185m		<b>15</b>	8	---
Boron	ppm	ASTM D5185m	2	<b>&lt;1</b>	0	---
Barium	ppm	ASTM D5185m	525	<b>362</b>	231	---
Molybdenum	ppm	ASTM D5185m	10	<b>0</b>	0	---
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	0	---
Magnesium	ppm	ASTM D5185m	5	<b>5</b>	3	---
Calcium	ppm	ASTM D5185m	10	<b>6</b>	5	---
Phosphorus	ppm	ASTM D5185m	250	<b>54</b>	188	---
Zinc	ppm	ASTM D5185m	100	<b>8</b>	57	---
Sulfur	ppm	ASTM D5185m	400	<b>542</b>	434	---
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.16</b>	0.34	---
Visc @ 40°C	cSt	ASTM D445	46	<b>48.8</b>	40.7	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCH06098508 **Received** : 23 Feb 2024  
**Lab Number** : 06098508 **Tested** : 26 Feb 2024  
**Unique Number** : 10896738 **Diagnosed** : 26 Feb 2024 - Don Baldrige  
**Test Package** : IND 2 ( Additional Tests: KF )

**GREEN COUNTY COMPRESSOR SERVICE**  
 11974 E 530 RD  
 CLAREMORE, OK  
 US 74019  
 Contact: ASHLEY PIGUET  
 ashley@gccs.us.com  
 T: (918)906-6343  
 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)