



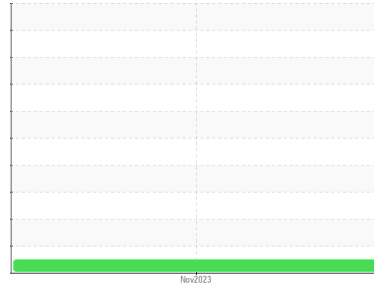
# OIL ANALYSIS REPORT

Sample Rating Trend

**NORMAL**



Area  
**ULTRA COOLANT**  
 Machine Id  
**INGERSOLL RAND VN2007U15355 - GRAPHIC PACKAGING**  
 Component  
**Compressor**



## 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>UCH06007076</b>	---	---
Sample Date	Client Info	<b>09 Nov 2023</b>	---	---
Machine Age	hrs Client Info	<b>65127</b>	---	---
Oil Age	hrs Client Info	<b>0</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>&lt;1</b>	---	---
Silver ppm ASTM D5185m		<b>0</b>	---	---
Aluminum ppm ASTM D5185m	>25	<b>1</b>	---	---
Lead ppm ASTM D5185m	>25	<b>0</b>	---	---
Copper ppm ASTM D5185m	>50	<b>&lt;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	0	<b>0</b>	---	---
Barium ppm ASTM D5185m	500	<b>698</b>	---	---
Molybdenum ppm ASTM D5185m	0	<b>0</b>	---	---
Manganese ppm ASTM D5185m		<b>0</b>	---	---
Magnesium ppm ASTM D5185m	0	<b>1</b>	---	---
Calcium ppm ASTM D5185m	0	<b>3</b>	---	---
Phosphorus ppm ASTM D5185m	20	<b>11</b>	---	---
Zinc ppm ASTM D5185m	0	<b>2</b>	---	---
Sulfur ppm ASTM D5185m	200	<b>369</b>	---	---

## CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>25	<b>1</b>	---	---
Sodium ppm ASTM D5185m		<b>77</b>	---	---
Potassium ppm ASTM D5185m	>20	<b>11</b>	---	---

## FLUID DEGRADATION

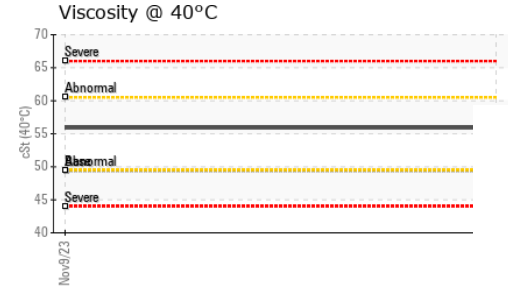
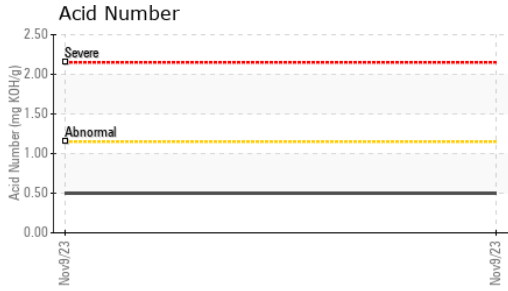
method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045		<b>0.50</b>	---	---

## 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	>0.1	<b>NEG</b>	---	---
Free Water scalar *Visual		<b>NEG</b>	---	---



# OIL ANALYSIS REPORT



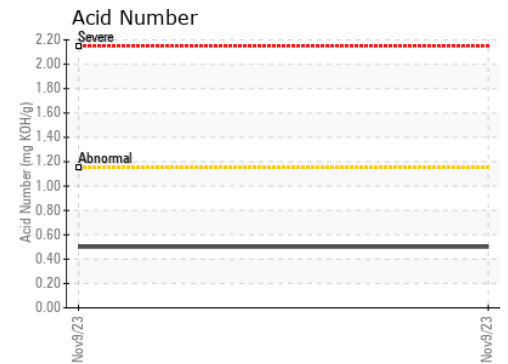
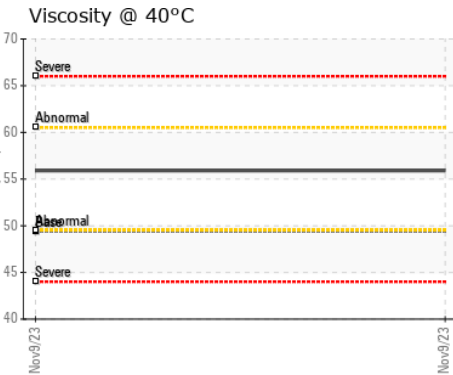
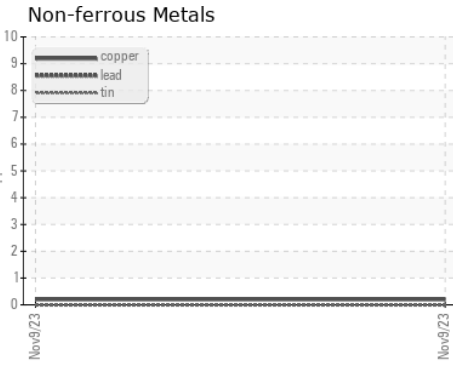
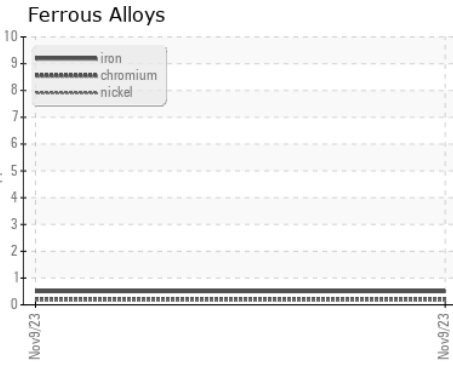
### FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	49.4	55.9	---	---

### SAMPLE IMAGES

method	limit/base	current	history1	history2
Color				
Bottom				

### GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCH06007076 **Received** : 14 Nov 2023  
**Lab Number** : 06007076 **Diagnosed** : 15 Nov 2023  
**Unique Number** : 10740838 **Diagnostician** : Doug Bogart  
**Test Package** : IND 2

**JOHN HENRY FOSTER COMPANY**  
 4700 LEBOURGET STREET  
 SAINT LOUIS, MO  
 US 63134  
 Contact: RACHEL VON HATTEN  
 rvonhatten@jhfc.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)