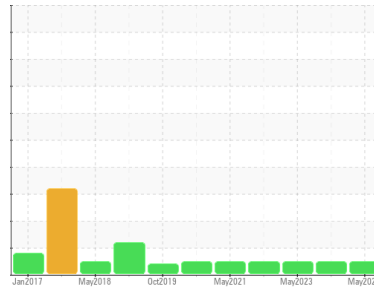




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area

**ULTRA COOLANT**

Machine Id

**INGERSOLL RAND UP6-20-125 PX3625U04208**

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>UCH06196794</b>	UCH06097028	UCH05853276
Sample Date	Client Info		<b>20 May 2024</b>	09 Feb 2024	04 May 2023
Machine Age	hrs	Client Info	<b>52590</b>	50924	48800
Oil Age	hrs	Client Info	<b>1666</b>	4007	1883
Oil Changed	Client Info		<b>Not Changed</b>	Changed	Not Changed
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	<b>NEG</b>	NEG	NEG

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	<b>&lt;1</b>	0	4
Chromium	ppm	ASTM D5185m >5	<b>&lt;1</b>	<1	0
Nickel	ppm	ASTM D5185m	<b>&lt;1</b>	0	<1
Titanium	ppm	ASTM D5185m	<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m >15	<b>2</b>	0	0
Lead	ppm	ASTM D5185m >65	<b>1</b>	0	0
Copper	ppm	ASTM D5185m >65	<b>17</b>	2	23
Tin	ppm	ASTM D5185m >10	<b>&lt;1</b>	0	<1
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 0	<b>0</b>	0	0
Barium	ppm	ASTM D5185m 500	<b>904</b>	686	779
Molybdenum	ppm	ASTM D5185m 0	<b>&lt;1</b>	0	<1
Manganese	ppm	ASTM D5185m	<b>0</b>	0	<1
Magnesium	ppm	ASTM D5185m 0	<b>1</b>	0	19
Calcium	ppm	ASTM D5185m 0	<b>3</b>	0	17
Phosphorus	ppm	ASTM D5185m 20	<b>4</b>	0	17
Zinc	ppm	ASTM D5185m 0	<b>91</b>	196	230
Sulfur	ppm	ASTM D5185m 200	<b>303</b>	248	337

## CONTAMINANTS

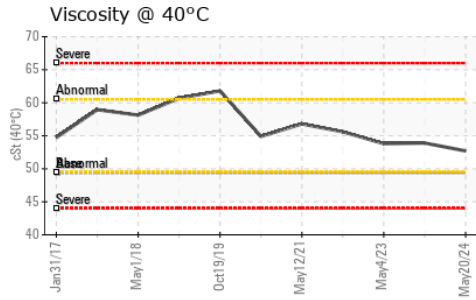
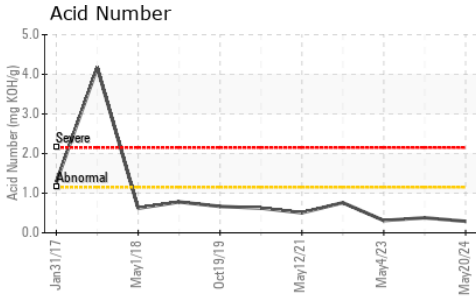
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >35	<b>1</b>	<1	1
Sodium	ppm	ASTM D5185m	<b>32</b>	41	28
Potassium	ppm	ASTM D5185m >20	<b>2</b>	0	1

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	<b>0.29</b>	0.38	0.31



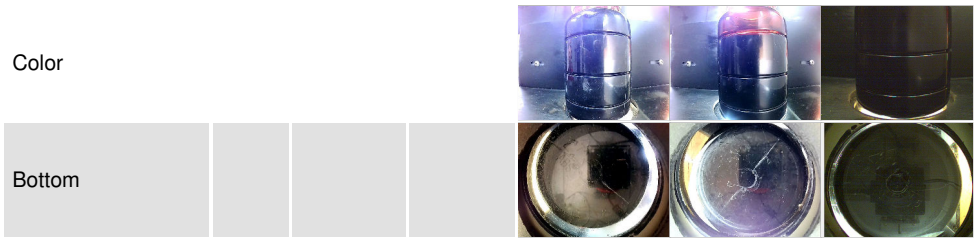
# OIL ANALYSIS REPORT



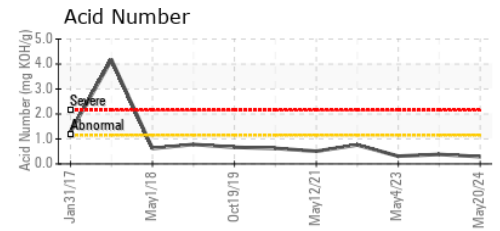
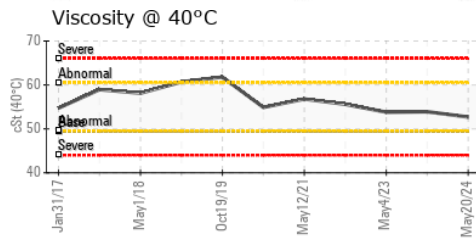
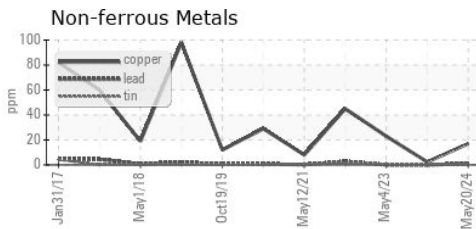
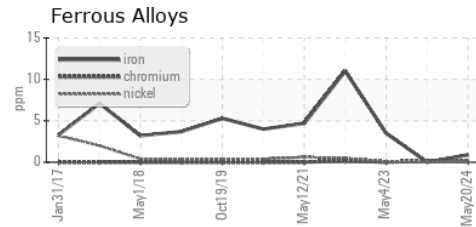
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	MODER
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	49.4	<b>52.7</b>	53.9	53.8

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



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCH06196794      **Received** : 31 May 2024  
**Lab Number** : **06196794**      **Tested** : 03 Jun 2024  
**Unique Number** : 11058917      **Diagnosed** : 03 Jun 2024 - Wes Davis  
**Test Package** : IND 2

**A-L-L EQUIPMENT INC**  
 204 38TH ST  
 MOLINE, IL  
 US 61265

Contact: KEVIN DESPOT  
 kevind@a-l-equipment.com

T: (815)877-7000

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)

F: (309)762-9950