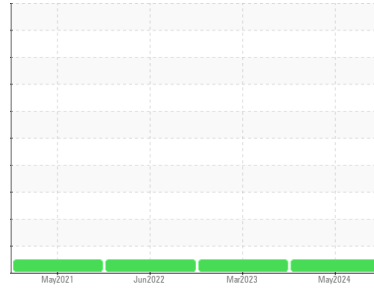




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area

**NOT GIVEN [1677364]**

Machine Id

**L5-IREC-SILO2-SICO-AUG-GBOX - PFNONWOVENS**

Component

**Gearbox**

## 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>UCH06205636</b>	UCH05832112	UCH05631798
Sample Date	Client Info		<b>06 May 2024</b>	13 Mar 2023	24 Jun 2022
Machine Age	hrs	Client Info	<b>0</b>	0	0
Oil Age	hrs	Client Info	<b>0</b>	0	0
Oil Changed	Client Info		<b>N/A</b>	N/A	N/A
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.2	<b>NEG</b>	NEG	NEG

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	<b>5</b>	2	15
Chromium	ppm	ASTM D5185m >15	<b>&lt;1</b>	0	0
Nickel	ppm	ASTM D5185m >15	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185m	<b>0</b>	0	0
Silver	ppm	ASTM D5185m	<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m >25	<b>&lt;1</b>	0	1
Lead	ppm	ASTM D5185m >100	<b>3</b>	0	0
Copper	ppm	ASTM D5185m >200	<b>4</b>	0	0
Tin	ppm	ASTM D5185m >25	<b>1</b>	0	1
Antimony	ppm	ASTM D5185m >5	<b>---</b>	---	---
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 0.1	<b>20</b>	25	29
Barium	ppm	ASTM D5185m 0.1	<b>0</b>	<1	3
Molybdenum	ppm	ASTM D5185m 0	<b>4</b>	0	<1
Manganese	ppm	ASTM D5185m 0.6	<b>2</b>	0	<1
Magnesium	ppm	ASTM D5185m 0	<b>1</b>	<1	0
Calcium	ppm	ASTM D5185m 0	<b>19</b>	129	18
Phosphorus	ppm	ASTM D5185m 1643	<b>300</b>	531	536
Zinc	ppm	ASTM D5185m 0	<b>5</b>	15	12
Sulfur	ppm	ASTM D5185m 313	<b>14736</b>	13962	12441

## CONTAMINANTS

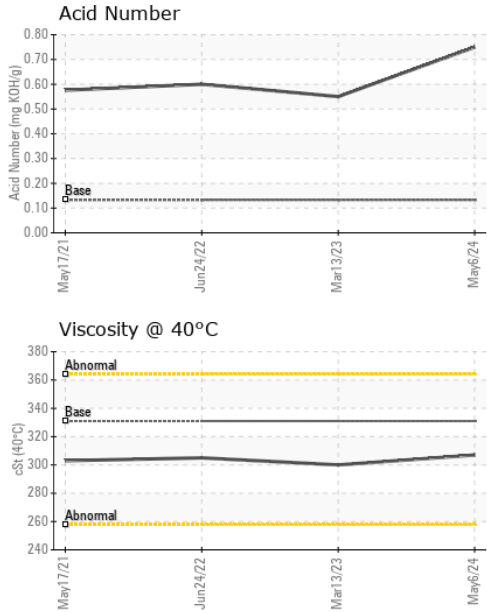
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	<b>1</b>	2	<1
Sodium	ppm	ASTM D5185m	<b>2</b>	0	<1
Potassium	ppm	ASTM D5185m >20	<b>5</b>	1	0

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.133	<b>0.75</b>	0.55	0.60



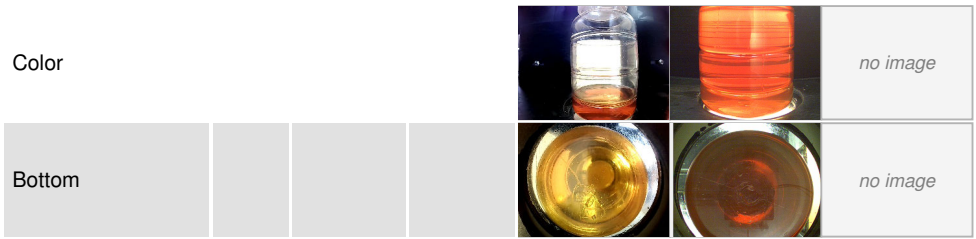
# OIL ANALYSIS REPORT



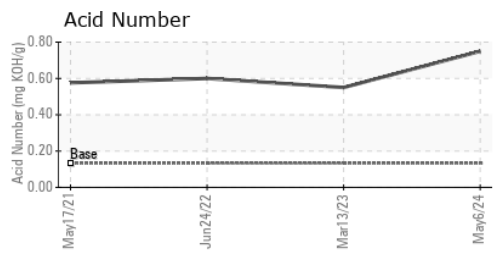
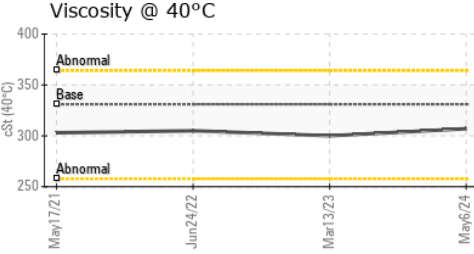
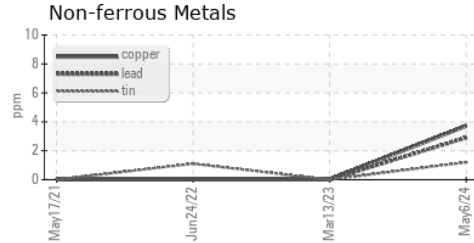
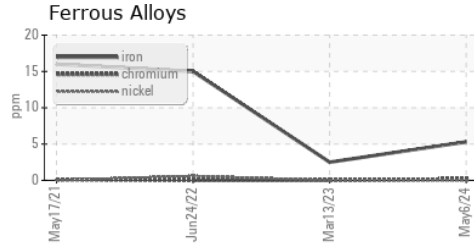
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	331	<b>307</b>	300	305

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



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCH06205636      **Received** : 10 Jun 2024  
**Lab Number** : **06205636**      **Tested** : 13 Jun 2024  
**Unique Number** : 11073097      **Diagnosed** : 13 Jun 2024 - Sean Felton  
**Test Package** : IND 2

**CORROSION PRODUCTS & EQUIPMENT**  
 940 POINTVIEW AVE  
 EPHRATA, PA  
 US 17522  
 Contact: RYAN HUNGARTER  
 rhungarter@corrosion-products.com  
 T: (717)961-1998  
 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)