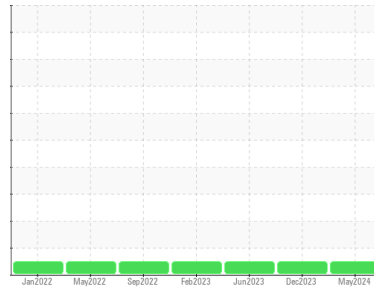




# OIL ANALYSIS REPORT

Area  
**PO-4010**  
 Machine Id  
**QUINCY UTY304242 - HARRELLS COATINGS**  
 Component  
**Compressor**

Sample Rating Trend



## 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>UCP06218379</b>	UCP06114472	UCP05923478
Sample Date	Client Info		<b>30 May 2024</b>	04 Dec 2023	19 Jun 2023
Machine Age	hrs	Client Info	<b>20656</b>	16506	12554
Oil Age	hrs	Client Info	<b>2000</b>	7028	2210
Oil Changed	Client Info		<b>Changed</b>	Not Changd	Not Changd
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>0</b>	0
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	0
Nickel	ppm	ASTM D5185m		<b>0</b>	0
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0
Silver	ppm	ASTM D5185m		<b>0</b>	0
Aluminum	ppm	ASTM D5185m	>25	<b>&lt;1</b>	0
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>&lt;1</b>	<1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0
Cadmium	ppm	ASTM D5185m		<b>0</b>	0

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	<b>0</b>	0
Barium	ppm	ASTM D5185m	0.4	<b>13</b>	0
Molybdenum	ppm	ASTM D5185m	0.5	<b>0</b>	0
Manganese	ppm	ASTM D5185m	0.4	<b>&lt;1</b>	0
Magnesium	ppm	ASTM D5185m	0	<b>&lt;1</b>	0
Calcium	ppm	ASTM D5185m	0.3	<b>0</b>	0
Phosphorus	ppm	ASTM D5185m	1376	<b>2</b>	2
Zinc	ppm	ASTM D5185m	0	<b>&lt;1</b>	0
Sulfur	ppm	ASTM D5185m	320	<b>0</b>	0

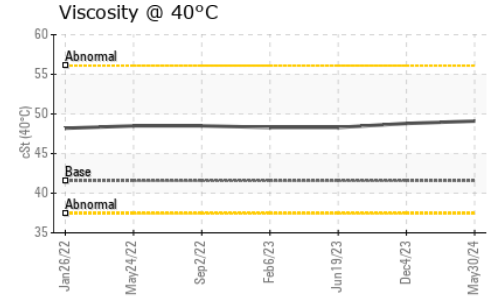
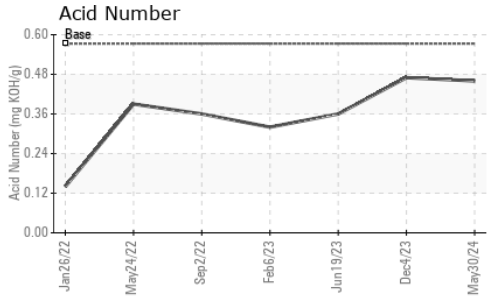
## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<b>&lt;1</b>	0
Sodium	ppm	ASTM D5185m		<b>1</b>	0
Potassium	ppm	ASTM D5185m	>20	<b>4</b>	0

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.573	<b>0.46</b>	0.47

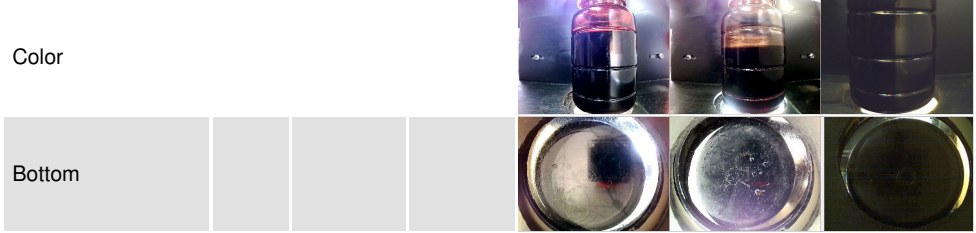
# OIL ANALYSIS REPORT



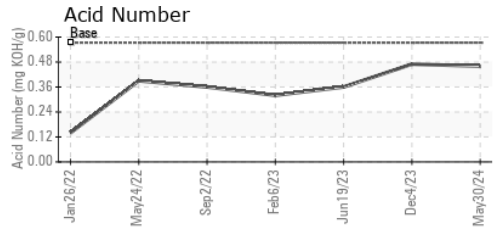
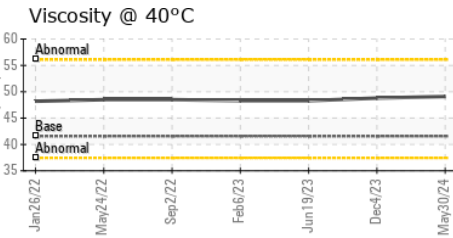
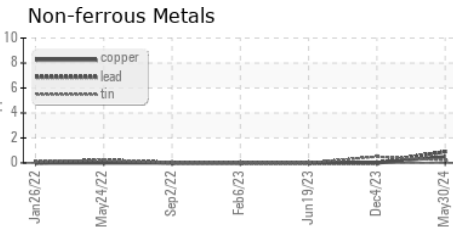
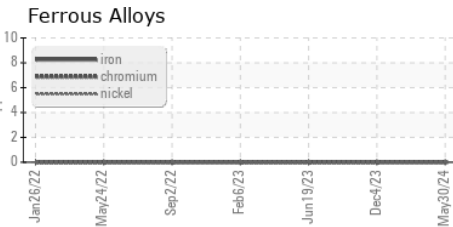
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance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

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	41.57	<b>49.1</b>	48.8	48.3

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



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCP06218379      **Received** : 24 Jun 2024  
**Lab Number** : **06218379**      **Tested** : 25 Jun 2024  
**Unique Number** : 11096576      **Diagnosed** : 26 Jun 2024 - Don Baldrige  
**Test Package** : IND 2

**PATTONS INC - BIRMINGHAM**  
 20 MONROE DR  
 PELHAM, AL  
 US 35124  
 Contact: MARK FLOYD  
 mark.floyd@pattonsinco.com

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)

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