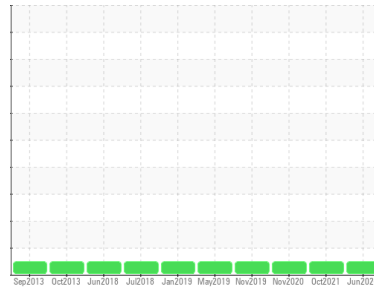




# OIL ANALYSIS REPORT

## Sample Rating Trend



**NORMAL**



Area  
**PO-4010 [A12000735]**  
 Machine Id  
**QUINCY 96750H - WEST ROCK**  
 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 component.

#### 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>UCP06219861</b>	UCP05389855	UCP05125387
Sample Date	Client Info		<b>07 Jun 2024</b>	27 Oct 2021	17 Nov 2020
Machine Age	hrs	Client Info	<b>101508</b>	98509	97184
Oil Age	hrs	Client Info	<b>98509</b>	96125	2500
Oil Changed		Client Info	<b>N/A</b>	Changed	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>6</b>	0	<1
Chromium	ppm	ASTM D5185m >10	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m	<b>&lt;1</b>	0	0
Titanium	ppm	ASTM D5185m	<b>0</b>	0	0
Silver	ppm	ASTM D5185m	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m >25	<b>&lt;1</b>	0	0
Lead	ppm	ASTM D5185m >25	<b>0</b>	0	0
Copper	ppm	ASTM D5185m >50	<b>&lt;1</b>	0	<1
Tin	ppm	ASTM D5185m >15	<b>0</b>	0	0
Antimony	ppm	ASTM D5185m	<b>---</b>	0	0
Vanadium	ppm	ASTM D5185m	<b>0</b>	0	0
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	0

### ADDITIVES

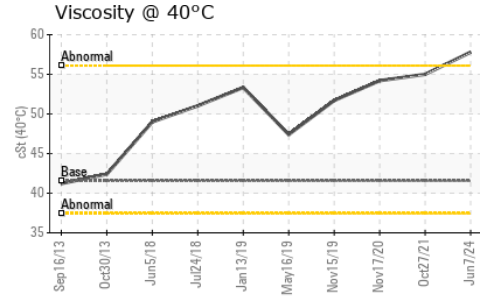
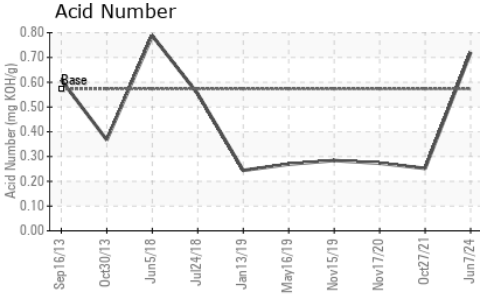
	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 0	<b>0</b>	0	1
Barium	ppm	ASTM D5185m 0.4	<b>1</b>	0	2
Molybdenum	ppm	ASTM D5185m 0.5	<b>0</b>	0	0
Manganese	ppm	ASTM D5185m 0.4	<b>&lt;1</b>	0	<1
Magnesium	ppm	ASTM D5185m 0	<b>3</b>	0	0
Calcium	ppm	ASTM D5185m 0.3	<b>0</b>	0	0
Phosphorus	ppm	ASTM D5185m 1376	<b>786</b>	587	553
Zinc	ppm	ASTM D5185m 0	<b>76</b>	0	6
Sulfur	ppm	ASTM D5185m 320	<b>505</b>	131	198

### CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	<b>2</b>	<1	2
Sodium	ppm	ASTM D5185m	<b>10</b>	0	<1
Potassium	ppm	ASTM D5185m >20	<b>2</b>	0	0

### FLUID DEGRADATION

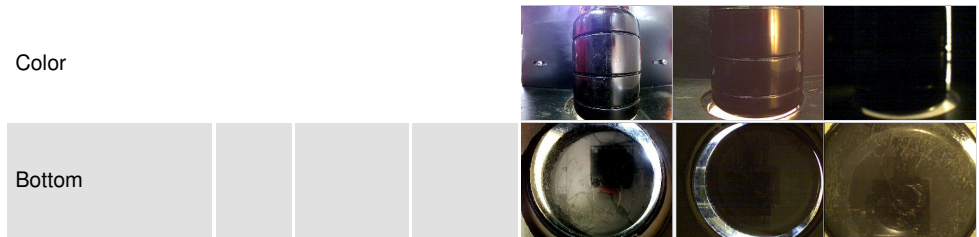
	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.573	<b>0.72</b>	0.252	0.273



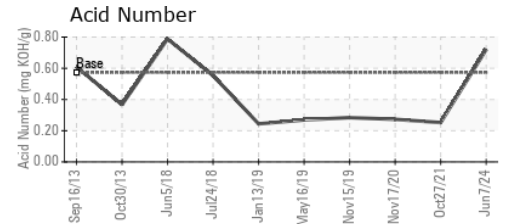
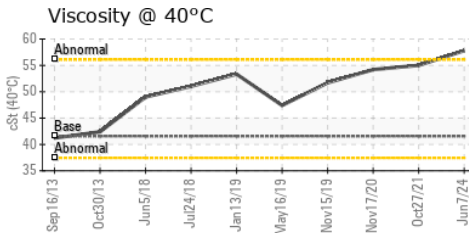
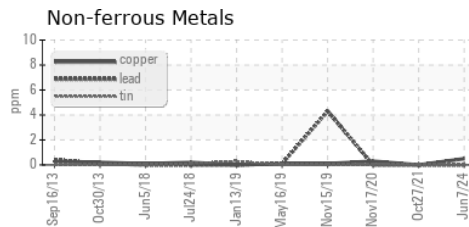
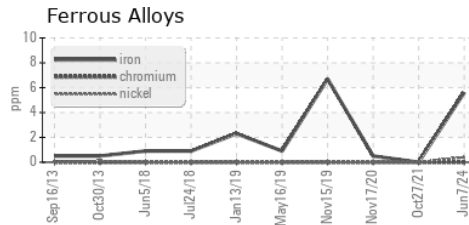
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	<b>LIGHT</b>	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE
Sand/Dirt	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	41.57	<b>57.8</b>	55.0

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.** : UCP06219861      **Received** : 25 Jun 2024  
**Lab Number** : **06219861**      **Tested** : 26 Jun 2024  
**Unique Number** : 11098058      **Diagnosed** : 27 Jun 2024 - Angela Borella  
**Test Package** : IND 2

**PATTONS INC - LITHONIA**  
 6709 TRIBBLE STREET  
 LITHONIA, GA  
 US 30058  
 Contact: JASON JONES  
 jason.jones@pattonsync.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)

F: (770)482-5522