

**NORMAL**



Machine Id  
**QUINCY 224678 - FRED SMITH**  
 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 acceptable for the time in service.

**SAMPLE INFORMATION**    method    limit/base    current    history1    history2

Sample Number	Client Info		<b>UCP06161605</b>	UCP05528353	---
Sample Date	Client Info		<b>18 Apr 2024</b>	08 Apr 2022	---
Machine Age	hrs	Client Info	<b>4004</b>	0	---
Oil Age	hrs	Client Info	<b>0</b>	0	---
Oil Changed		Client Info	<b>Changed</b>	N/A	---
Sample Status			<b>NORMAL</b>	NORMAL	---

**CONTAMINATION**    method    limit/base    current    history1    history2

Water	WC Method	>0.1	<b>NEG</b>	NEG	---
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**WEAR METALS**    method    limit/base    current    history1    history2

Iron	ppm	ASTM D5185m	>50	<b>0</b>	<1	---
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>0</b>	0	---
Lead	ppm	ASTM D5185m	>25	<b>0</b>	<1	---
Copper	ppm	ASTM D5185m	>50	<b>&lt;1</b>	<1	---
Tin	ppm	ASTM D5185m	>15	<b>0</b>	0	---
Vanadium	ppm	ASTM D5185m		<b>0</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>0</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>0</b>	0	---
Calcium	ppm	ASTM D5185m	0.3	<b>0</b>	0	---
Phosphorus	ppm	ASTM D5185m	1376	<b>694</b>	632	---
Zinc	ppm	ASTM D5185m	0	<b>14</b>	8	---
Sulfur	ppm	ASTM D5185m	320	<b>659</b>	216	---

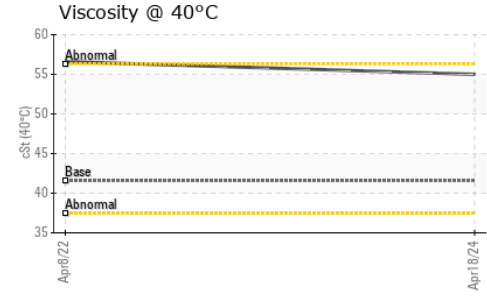
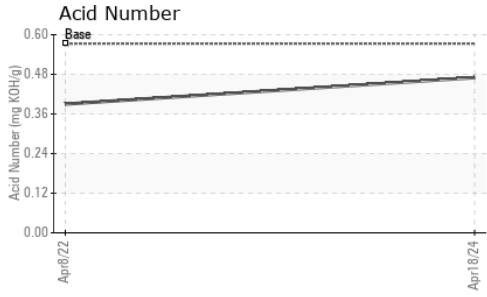
**CONTAMINANTS**    method    limit/base    current    history1    history2

Silicon	ppm	ASTM D5185m	>25	<b>0</b>	<1	---
Sodium	ppm	ASTM D5185m		<b>2</b>	1	---
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	<1	---

**FLUID DEGRADATION**    method    limit/base    current    history1    history2

Acid Number (AN)	mg KOH/g	ASTM D8045	0.573	<b>0.47</b>	0.39	---
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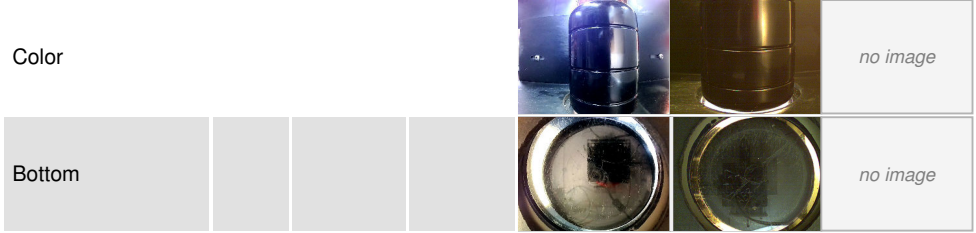
# OIL ANALYSIS REPORT



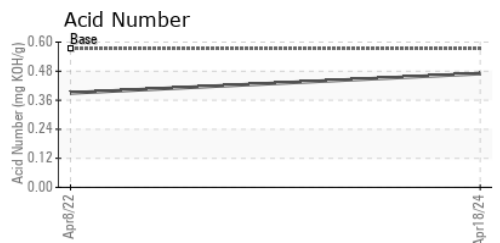
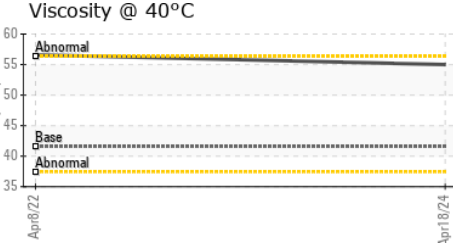
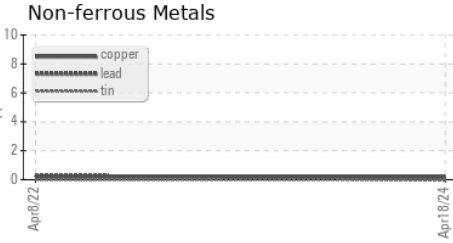
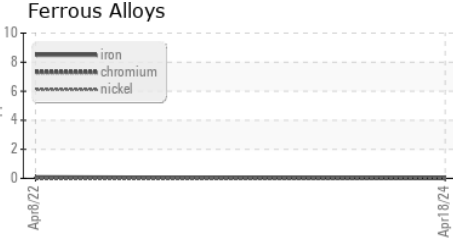
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	<b>NONE</b>	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Precipitate	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
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>55.0</b>	56.6	---

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



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCP06161605      **Received** : 26 Apr 2024  
**Lab Number** : **06161605**      **Tested** : 29 Apr 2024  
**Unique Number** : 10997028      **Diagnosed** : 30 Apr 2024 - Sean Felton  
**Test Package** : IND 2

**PATTONS INC - RALEIGH**  
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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)