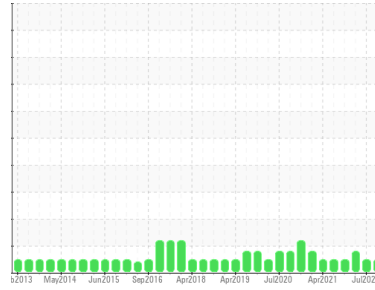


Area  
**AURORA 5060**  
 Machine Id  
**QUINCY 93342J - FLOWERS BAKING**  
 Component  
**Compressor**



**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>UCP06010979</b>	UCP05612777	UCP05587455
Sample Date	Client Info			<b>27 Sep 2023</b>	21 Jul 2022	29 Jun 2022
Machine Age	hrs	Client Info		<b>86632</b>	83906	83598
Oil Age	hrs	Client Info		<b>0</b>	308	3400
Oil Changed	Client Info			<b>Changed</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	NORMAL	ATTENTION

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

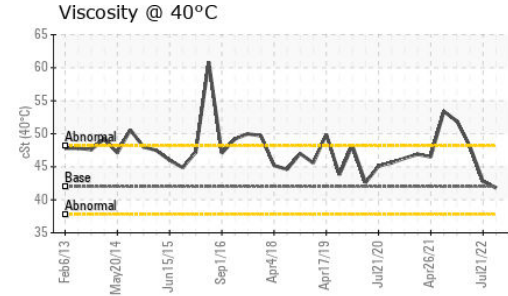
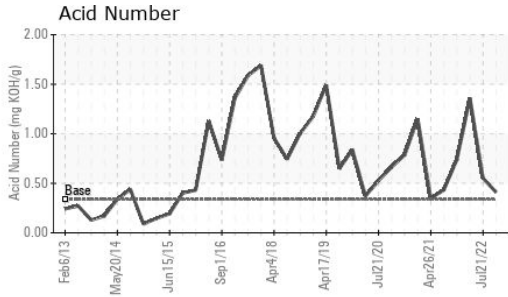
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<b>0</b>	2	▲ 94
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m		<b>0</b>	0	0
Titanium	ppm	ASTM D5185m		<b>0</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185m	>25	<b>0</b>	<1	8
Lead	ppm	ASTM D5185m	>25	<b>0</b>	<1	<1
Copper	ppm	ASTM D5185m	>50	<b>0</b>	2	11
Tin	ppm	ASTM D5185m	>15	<b>&lt;1</b>	0	<1
Antimony	ppm	ASTM D5185m		<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	1	<b>0</b>	0	0
Barium	ppm	ASTM D5185m	0.3	<b>0</b>	<1	6
Molybdenum	ppm	ASTM D5185m	0	<b>0</b>	0	0
Manganese	ppm	ASTM D5185m	0	<b>0</b>	0	2
Magnesium	ppm	ASTM D5185m	0	<b>1</b>	0	2
Calcium	ppm	ASTM D5185m	0.5	<b>&lt;1</b>	<1	7
Phosphorus	ppm	ASTM D5185m	536	<b>404</b>	375	224
Zinc	ppm	ASTM D5185m	0.2	<b>0</b>	16	94
Sulfur	ppm	ASTM D5185m	649	<b>985</b>	1203	497

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<b>3</b>	<1	2
Sodium	ppm	ASTM D5185m		<b>0</b>	2	102
Potassium	ppm	ASTM D5185m	>20	<b>0</b>	0	6

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.337	<b>0.41</b>	0.55	1.36

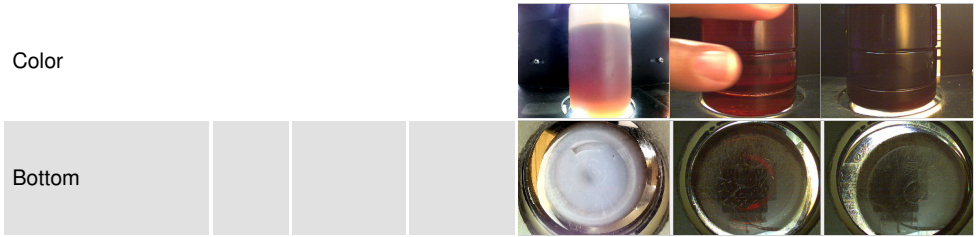
# OIL ANALYSIS REPORT



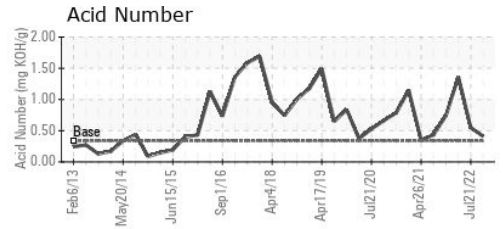
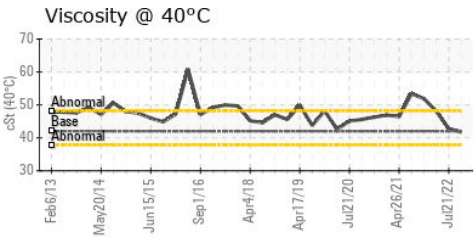
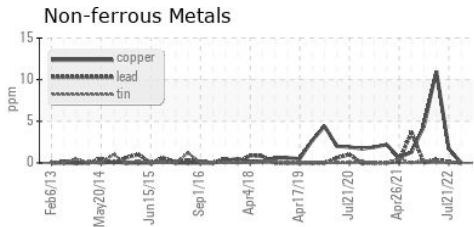
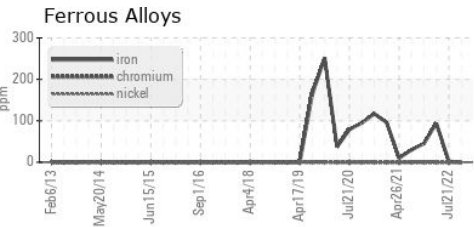
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	MODER	MODER
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	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	42.0	<b>41.8</b>	42.8	48.1

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



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCP06010979 **Received** : 17 Nov 2023  
**Lab Number** : **06010979** **Diagnosed** : 21 Nov 2023  
**Unique Number** : 10750123 **Diagnostician** : Don Baldrige  
**Test Package** : IND 2

**PATTONS INC - BIRMINGHAM**  
 20 MONROE DR  
 PELHAM, AL  
 US 35124  
 Contact: MARK FLOYD  
 mark.floyd@pattonsinco.com  
 T:  
 F: (205)780-4508

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)