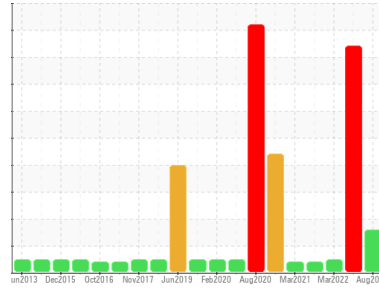
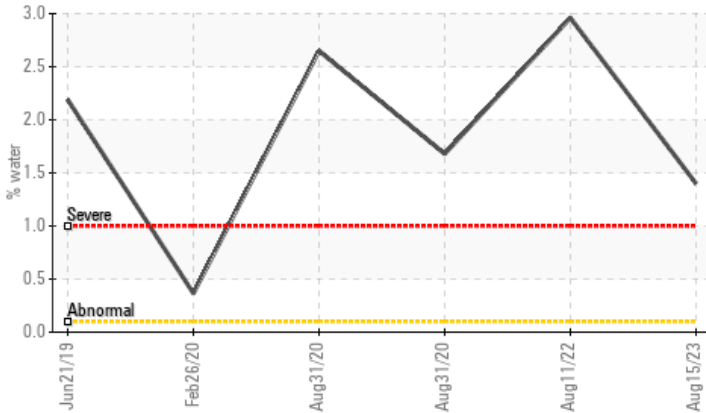


Area
PO-6030 [A13000315]
 Machine Id
QUINCY UN063285 - FEDEX
 Component
Compressor



COMPONENT CONDITION SUMMARY

▲ Water



RECOMMENDATION

Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status				ATTENTION	SEVERE	NORMAL
Water	%	ASTM D6304	>0.1	▲ 1.40	● 2.96	---
ppm Water	ppm	ASTM D6304	>1000	▲ 14000	● 29600	---
Emulsified Water	scalar	*Visual	>0.1	▲ 0.2%	● 0.2%	NEG

Customer Id: UCPATLIT
 Sample No.: UCP05932171
 Lab Number: 05932171
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Fluid	---	---	?	Oil and filter change at the time of sampling has been noted.
Change Filter	---	---	?	Oil and filter change at the time of sampling has been noted.
Resample	---	---	?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS

11 Aug 2022 Diag: Doug Bogart

WATER



We advise that you follow the water drain-off procedure for this component. The filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. Free water present. The AN level is acceptable for this fluid.

view report



15 Mar 2022 Diag: Jonathan Hester

NORMAL



We suspect abnormal contamination may be due to sampling method. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



28 Oct 2021 Diag: Jonathan Hester

ADDITIVES

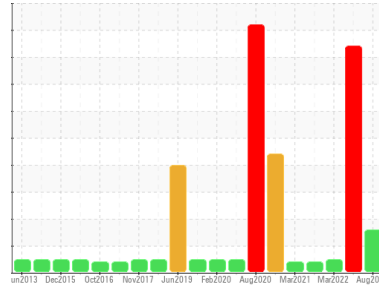


Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. An additive depletion is indicated. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



Area
PO-6030 [A13000315]
 Machine Id
QUINCY UN063285 - FEDEX
 Component
Compressor



DIAGNOSIS

- Recommendation**
Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.
- Wear**
All component wear rates are normal.
- Contamination**
Moderate concentration of visible dirt/debris present in the oil. There is a high concentration of water present in the oil.
- Fluid Condition**
The AN level is acceptable for this fluid.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		UCP05932171	UCP05625756	UCP05498761
Sample Date	Client Info		15 Aug 2023	11 Aug 2022	15 Mar 2022
Machine Age	hrs	Client Info	62677	60681	60455
Oil Age	hrs	Client Info	60681	0	60455
Oil Changed	Client Info		Changed	Not Changd	N/A
Sample Status			ATTENTION	SEVERE	NORMAL

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	3	<1	<1
Chromium	ppm	ASTM D5185m >10	0	0	0
Nickel	ppm	ASTM D5185m	0	0	0
Titanium	ppm	ASTM D5185m	0	0	0
Silver	ppm	ASTM D5185m	0	<1	0
Aluminum	ppm	ASTM D5185m >25	4	<1	<1
Lead	ppm	ASTM D5185m >25	<1	<1	0
Copper	ppm	ASTM D5185m >50	2	<1	<1
Tin	ppm	ASTM D5185m >15	1	2	1
Antimony	ppm	ASTM D5185m	---	---	---
Vanadium	ppm	ASTM D5185m	<1	0	0
Cadmium	ppm	ASTM D5185m	0	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 0	1	6	2
Barium	ppm	ASTM D5185m 700	600	250	865
Molybdenum	ppm	ASTM D5185m 0	0	<1	0
Manganese	ppm	ASTM D5185m 0	<1	<1	0
Magnesium	ppm	ASTM D5185m 0	4	<1	0
Calcium	ppm	ASTM D5185m 0	12	5	0
Phosphorus	ppm	ASTM D5185m 0	10	13	9
Zinc	ppm	ASTM D5185m 0	10	2	0
Sulfur	ppm	ASTM D5185m 630	559	423	393

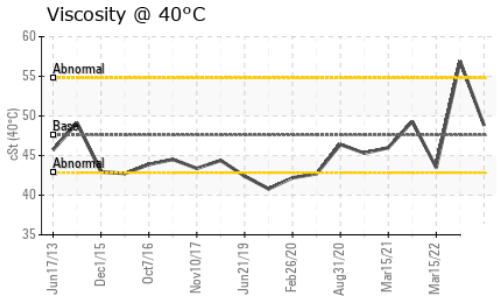
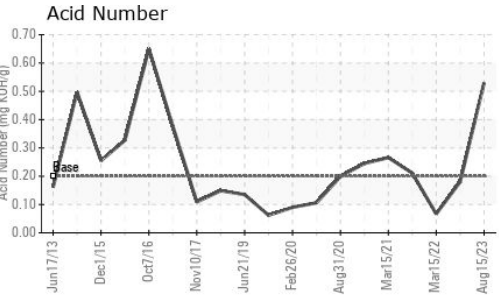
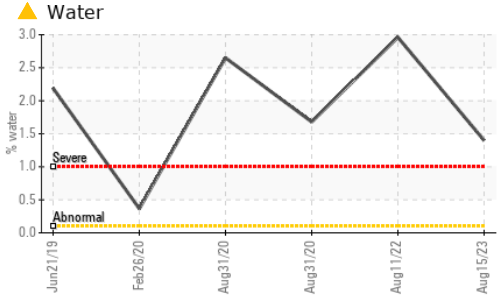
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	4	6	2
Sodium	ppm	ASTM D5185m	46	35	23
Potassium	ppm	ASTM D5185m >20	7	3	0
Water	%	ASTM D6304 >0.1	▲ 1.40	2.96	---
ppm Water	ppm	ASTM D6304 >1000	▲ 14000	29600	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.200	0.53	0.18	0.067

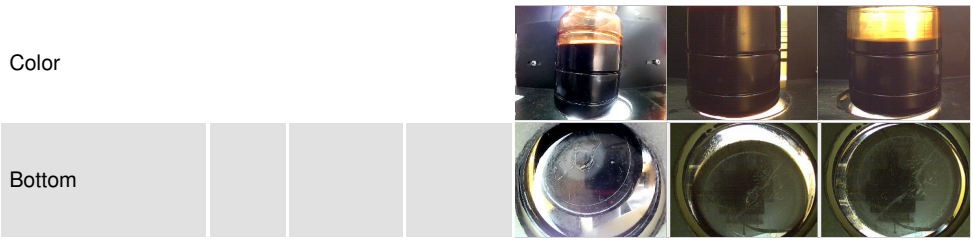
OIL ANALYSIS REPORT



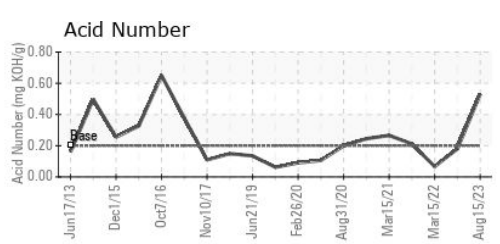
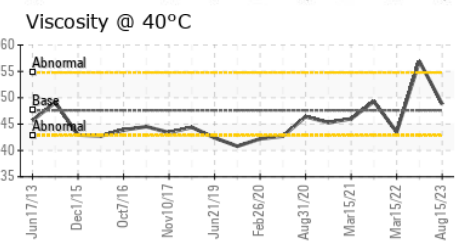
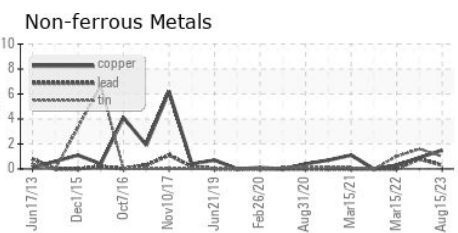
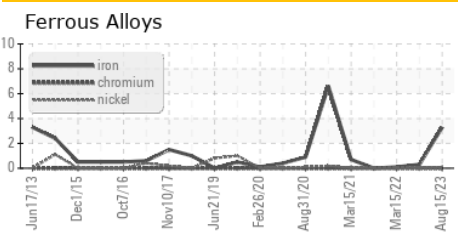
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	MODER	MODER
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	▲ 0.2%	● 0.2%
Free Water	scalar	*Visual		NEG	● 1.0

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	47.6	48.8	▲ 56.9	43.5

SAMPLE IMAGES	method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCP05932171 **Received** : 23 Aug 2023
Lab Number : 05932171 **Diagnosed** : 24 Aug 2023
Unique Number : 10617442 **Diagnostician** : Don Baldrige
Test Package : IND 2 (Additional Tests: KF)

PATTONS INC - LITHONIA
 6709 TRIBBLE STREET
 LITHONIA, GA
 US 30058
 Contact: CHRISSY HARBIN
 chrissey.harbin@pattonsinco.com
 T: (770)484-9226
 F: (770)482-5522

Certificate L2367
 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)