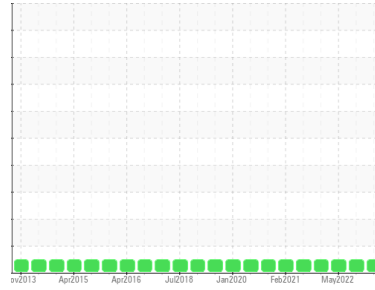


Area
4010
 Machine Id
QUINCY 92976 - CAROLINA MED CENTER NORTHEAST
 Component
Compressor



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		UCP05982441	UCP05858117	UCP05557506
Sample Date	Client Info		27 Sep 2023	23 May 2023	16 May 2022
Machine Age	hrs	Client Info	26663	25136	20653
Oil Age	hrs	Client Info	3861	2334	4581
Oil Changed	Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

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

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 0	0	0	<1
Barium	ppm	ASTM D5185m 0.4	0	0	2
Molybdenum	ppm	ASTM D5185m 0.5	0	<1	0
Manganese	ppm	ASTM D5185m 0.4	0	<1	0
Magnesium	ppm	ASTM D5185m 0	0	3	<1
Calcium	ppm	ASTM D5185m 0.3	0	0	0
Phosphorus	ppm	ASTM D5185m 1376	740	734	752
Zinc	ppm	ASTM D5185m 0	0	0	1
Sulfur	ppm	ASTM D5185m 320	968	884	355

CONTAMINANTS

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

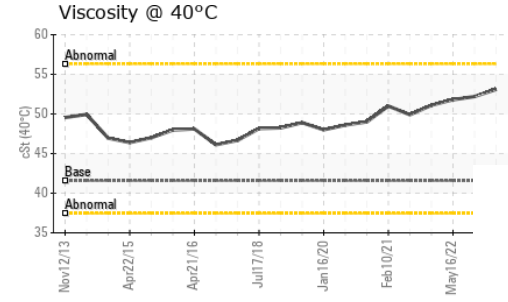
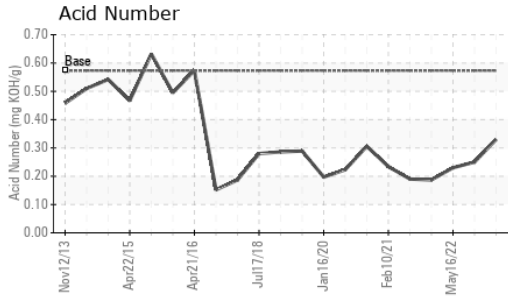
FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.573	0.33	0.25	0.23

VISUAL

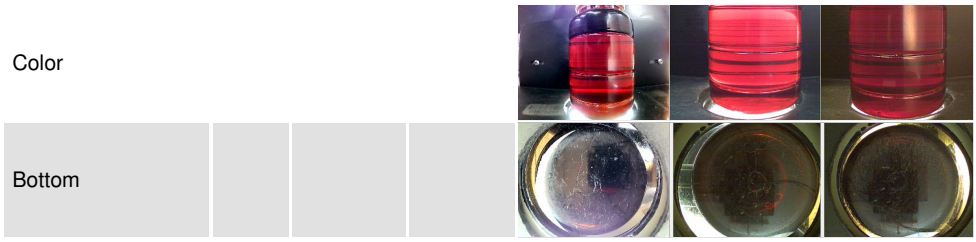
	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	LIGHT	NONE	NONE
Yellow Metal	scalar	*Visual NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual NONE	NONE	NONE	NONE
Silt	scalar	*Visual NONE	NONE	NONE	NONE
Debris	scalar	*Visual NONE	NONE	LIGHT	NONE
Sand/Dirt	scalar	*Visual NONE	NONE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

OIL ANALYSIS REPORT

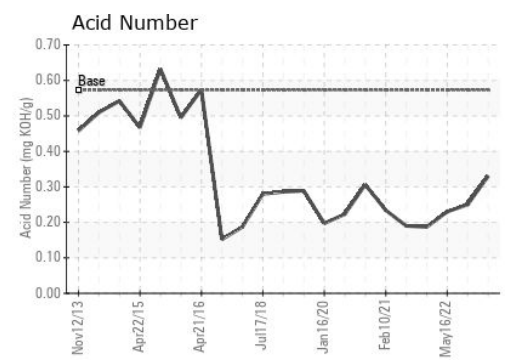
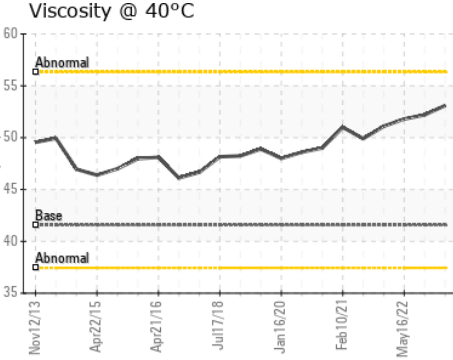
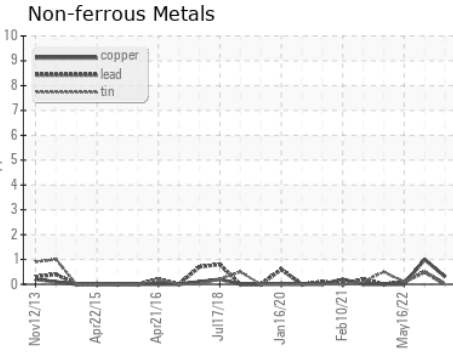
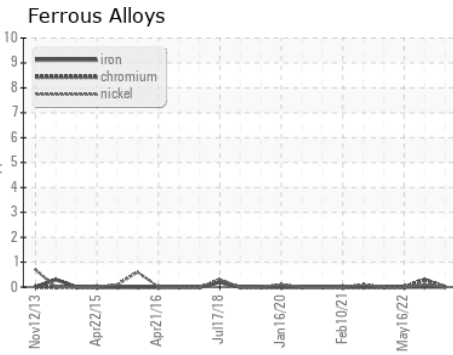


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	41.57	53.1	52.2	51.8

SAMPLE IMAGES		method	limit/base	current	history1	history2
---------------	--	--------	------------	---------	----------	----------



GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCP05982441 **Received** : 18 Oct 2023
Lab Number : **05982441** **Diagnosed** : 20 Oct 2023
Unique Number : 10699736 **Diagnostician** : Don Baldridge
Test Package : IND 2

PATTONS INC - CHARLOTTE (CORPORATE)
 3201 SOUTH BLVD
 CHARLOTTE, NC
 US 28209
 Contact: STEVEN HOUSER
 steven.houser@pattonsinco.com
 T:
 F: (704)523-7687

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)