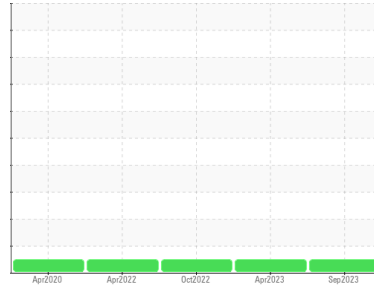




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
SYNMAX 8000
 Machine Id
QUINCY CAI973098
 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		UCH05995784	UCH05825050	UCH05707208
Sample Date	Client Info		26 Sep 2023	06 Apr 2023	03 Oct 2022
Machine Age	hrs	Client Info	10370	8765	8284
Oil Age	hrs	Client Info	0	481	0
Oil Changed	Client Info		Changed	Not Changd	Not Changd
Sample Status			NORMAL	NORMAL	NORMAL

WEAR METALS

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

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0
Barium	ppm	ASTM D5185m		0	0
Molybdenum	ppm	ASTM D5185m		0	0
Manganese	ppm	ASTM D5185m		0	0
Magnesium	ppm	ASTM D5185m		0	0
Calcium	ppm	ASTM D5185m		0	0
Phosphorus	ppm	ASTM D5185m		136	168
Zinc	ppm	ASTM D5185m		0	4
Sulfur	ppm	ASTM D5185m		122	240

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	12	14
Sodium	ppm	ASTM D5185m		0	0
Potassium	ppm	ASTM D5185m	>20	<1	<1

FLUID DEGRADATION

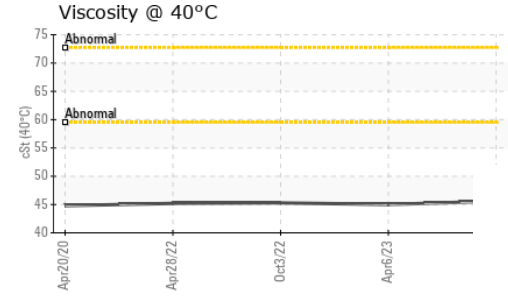
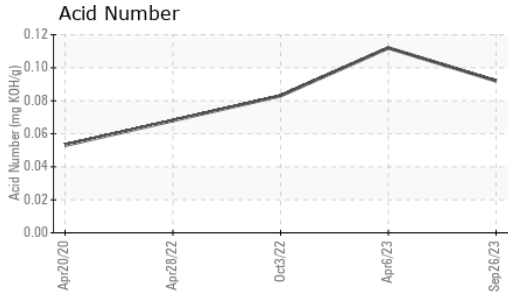
	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.092	0.112

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	NONE	NONE
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

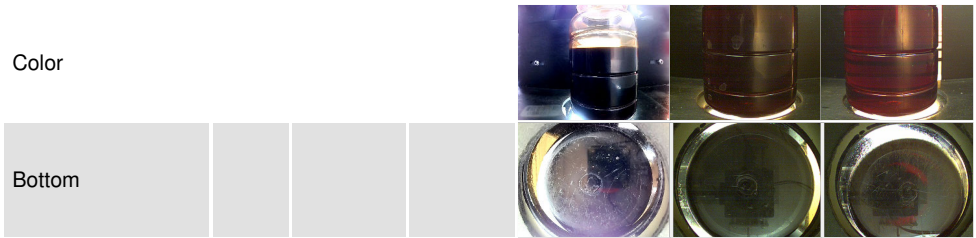


OIL ANALYSIS REPORT

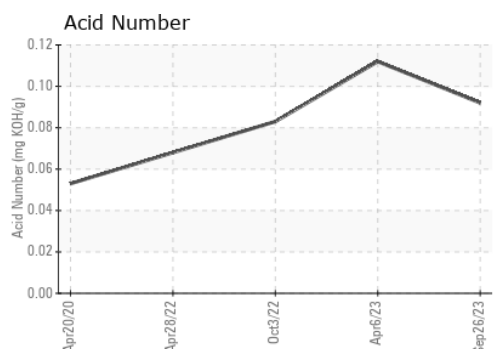
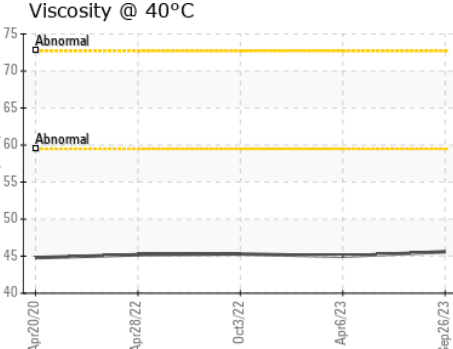
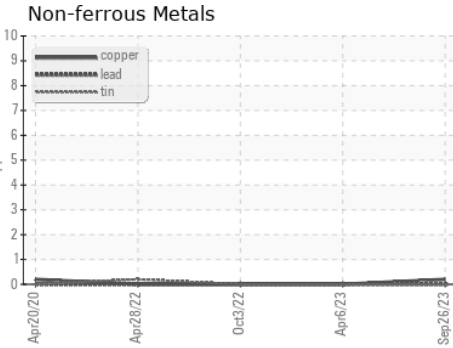
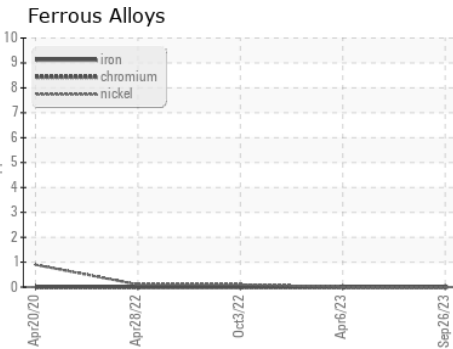


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		45.6	45.0	45.3

SAMPLE IMAGES		method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH05995784 **Received** : 01 Nov 2023
Lab Number : 05995784 **Diagnosed** : 02 Nov 2023
Unique Number : 10724144 **Diagnostician** : Don Baldrige
Test Package : IND 2

ATLANTA AIR COMPRESSOR
 123 MERCHANTS PARK DR
 HOSCHTON, GA
 US 30548
 Contact: Derik Bray
 Derik@atlantaaircompressor.com
 T: (470)252-9952
 F: x:

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)