



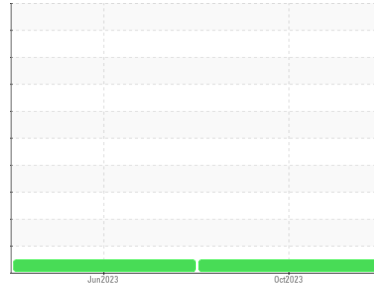
OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
NOT GIVEN
 Machine Id
INGERSOLL RAND PX8879U07157
 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		UCH05978382	UCH05914747	---
Sample Date	Client Info		03 Oct 2023	30 Jun 2023	---
Machine Age	hrs	Client Info	2745	1620	---
Oil Age	hrs	Client Info	2576	1004	---
Oil Changed	Client Info		Changed	Not Changd	---
Sample Status			NORMAL	NORMAL	---

WEAR METALS

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

ADDITIVES

	method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m	2	0	0	---
Barium	ppm	ASTM D5185m	525	24	70	---
Molybdenum	ppm	ASTM D5185m	10	0	0	---
Manganese	ppm	ASTM D5185m		0	0	---
Magnesium	ppm	ASTM D5185m	5	3	2	---
Calcium	ppm	ASTM D5185m	10	<1	3	---
Phosphorus	ppm	ASTM D5185m	250	42	70	---
Zinc	ppm	ASTM D5185m	100	110	144	---
Sulfur	ppm	ASTM D5185m	400	149	254	---

CONTAMINANTS

	method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m	>25	3	8	---
Sodium	ppm	ASTM D5185m		12	25	---
Potassium	ppm	ASTM D5185m	>20	0	2	---

FLUID DEGRADATION

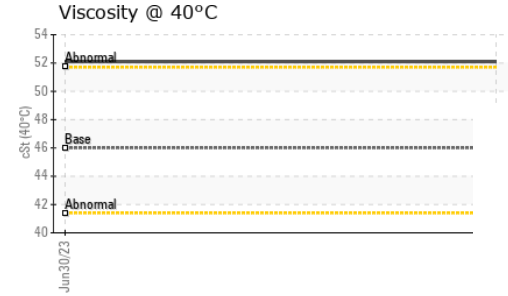
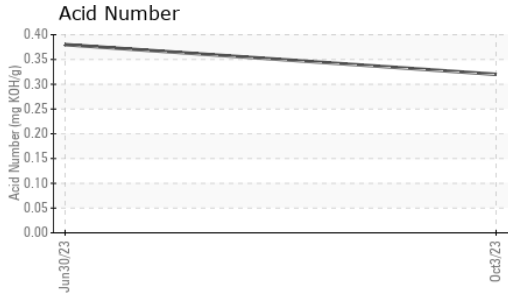
	method	limit/base	current	history1	history2	
Acid Number (AN)	mg KOH/g	ASTM D8045		0.32	0.38	---

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	>0.8	NEG	NEG	---
Free Water	scalar	*Visual		NEG	NEG	---



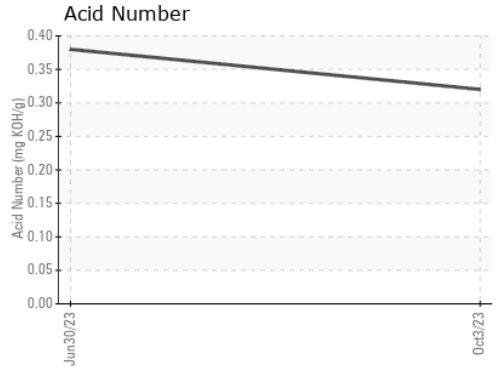
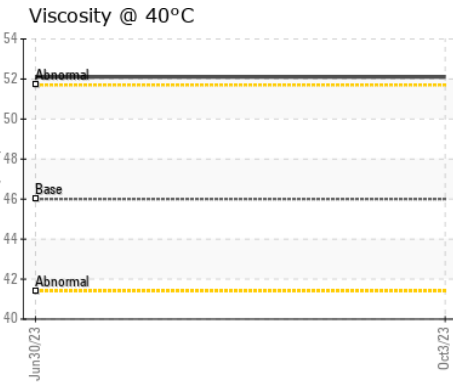
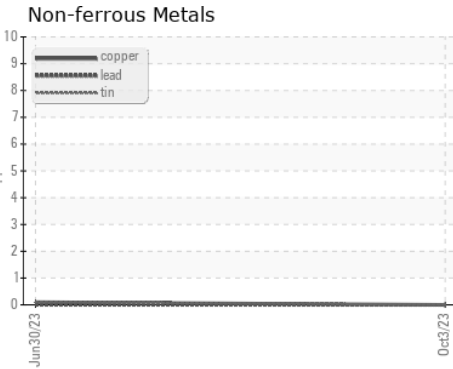
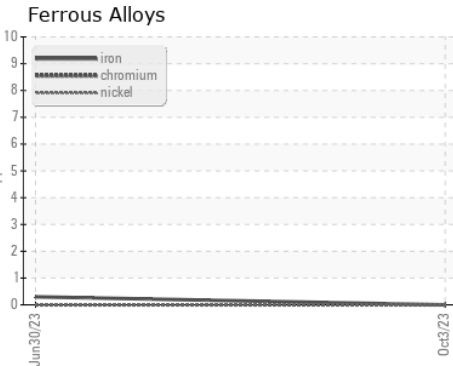
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 46	52.1	52.1	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					no image
Bottom					no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH05978382 **Received** : 13 Oct 2023
Lab Number : 05978382 **Diagnosed** : 16 Oct 2023
Unique Number : 10695677 **Diagnostician** : Don Baldrige
Test Package : IND 2

ADVANCED COMPRESSED AIR SOLUTIONS (ACAS)
 9421 FM 2920 RD BLDG 23
 TOMBALL, TX
 US 77375
 Contact: JIM SUAREZ
 jim@advancedcompressedair.com

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)

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F: