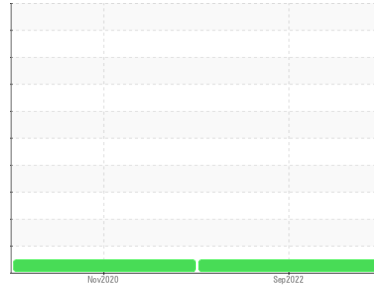




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area

LTL RSC8

Machine Id

ATLAS COPCO GA110 AIF043733 - ALL CLAD

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. Chlorine is 8.6 ppm.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		UCH05664702	UCH05113482	---
Sample Date	Client Info		16 Sep 2022	09 Nov 2020	---
Machine Age	hrs	Client Info	75382	75359	---
Oil Age	hrs	Client Info	2	1729	---
Oil Changed	Client Info		N/A	N/A	---
Sample Status			NORMAL	NORMAL	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	0	2	---
Chromium	ppm	ASTM D5185m >5	0	0	---
Nickel	ppm	ASTM D5185m	0	0	---
Titanium	ppm	ASTM D5185m	0	0	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >15	0	0	---
Lead	ppm	ASTM D5185m >65	0	0	---
Copper	ppm	ASTM D5185m >65	0	0	---
Tin	ppm	ASTM D5185m >10	0	0	---
Antimony	ppm	ASTM D5185m	---	0	---
Vanadium	ppm	ASTM D5185m	0	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 1.5	0	0	---
Barium	ppm	ASTM D5185m 0	0	0	---
Molybdenum	ppm	ASTM D5185m 0	0	0	---
Manganese	ppm	ASTM D5185m 0.3	0	0	---
Magnesium	ppm	ASTM D5185m 0	<1	0	---
Calcium	ppm	ASTM D5185m 0	0	0	---
Phosphorus	ppm	ASTM D5185m 406	635	151	---
Zinc	ppm	ASTM D5185m 0	0	0	---
Sulfur	ppm	ASTM D5185m 1283	1824	370	---

CONTAMINANTS

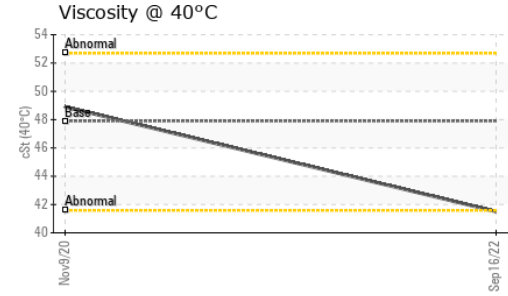
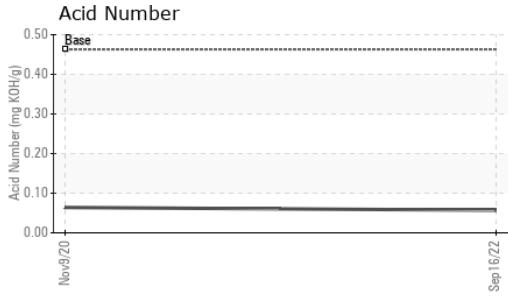
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >35	13	<1	---
Sodium	ppm	ASTM D5185m	0	0	---
Potassium	ppm	ASTM D5185m >20	0	0	---
Chlorine Content	ppm	ASTM D5185m	8.60	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.463	0.057	0.064	---



OIL ANALYSIS REPORT



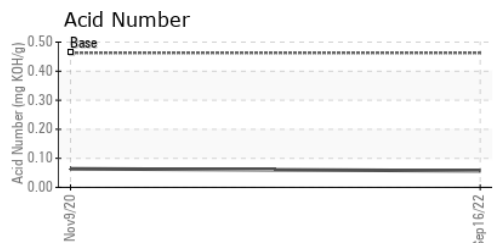
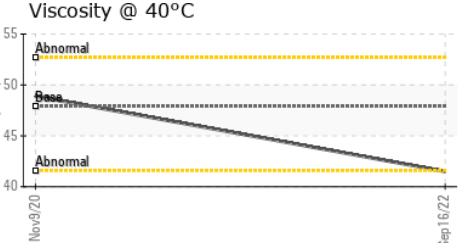
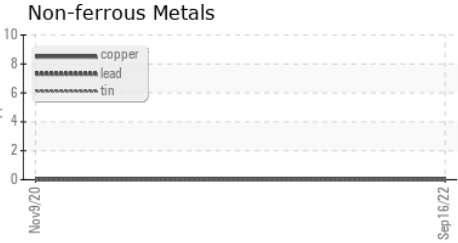
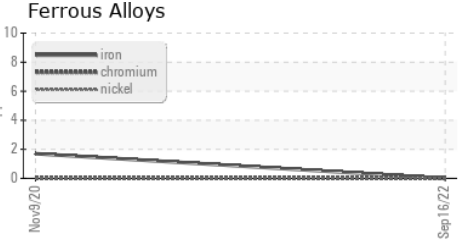
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	MODER
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	47.9	41.5	48.9

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH05664702 **Received** : 12 Oct 2022
Lab Number : **05664702** **Diagnosed** : 14 Oct 2022
Unique Number : 10169271 **Diagnostician** : Jonathan Hester
Test Package : IND 2 (Additional Tests: CHLORINEXRF)

ROCKWELL EQUIPMENT & SUPPLY CO
 PO BOX 114
 VERSAILLES, PA
 US 15137
 Contact: DINO PICCOLINO
 DINOP@ROCKWELLEQUIPMENT.COM
 T: (412)824-9903
 F: (412)824-9271

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)