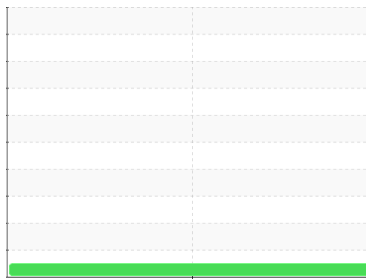




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
SYNOIL 8K
 Machine Id
ATLAS COPCO GA22 AII245184 - MAIL SOURCE
 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		UCZ05937340	---	---
Sample Date	Client Info		08 Aug 2023	---	---
Machine Age	hrs	Client Info	28870	---	---
Oil Age	hrs	Client Info	3000	---	---
Oil Changed	Client Info		Not Changed	---	---
Sample Status			NORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	2	---	---
Chromium	ppm	ASTM D5185m >5	0	---	---
Nickel	ppm	ASTM D5185m	<1	---	---
Titanium	ppm	ASTM D5185m	0	---	---
Silver	ppm	ASTM D5185m	0	---	---
Aluminum	ppm	ASTM D5185m >15	0	---	---
Lead	ppm	ASTM D5185m >65	<1	---	---
Copper	ppm	ASTM D5185m >65	<1	---	---
Tin	ppm	ASTM D5185m >10	0	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 0.3	0	---	---
Barium	ppm	ASTM D5185m 0.3	2	---	---
Molybdenum	ppm	ASTM D5185m 0	0	---	---
Manganese	ppm	ASTM D5185m 0.9	0	---	---
Magnesium	ppm	ASTM D5185m 0.2	<1	---	---
Calcium	ppm	ASTM D5185m 0.1	1	---	---
Phosphorus	ppm	ASTM D5185m 429	415	---	---
Zinc	ppm	ASTM D5185m 0.3	100	---	---
Sulfur	ppm	ASTM D5185m 1336	940	---	---

CONTAMINANTS

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

FLUID DEGRADATION

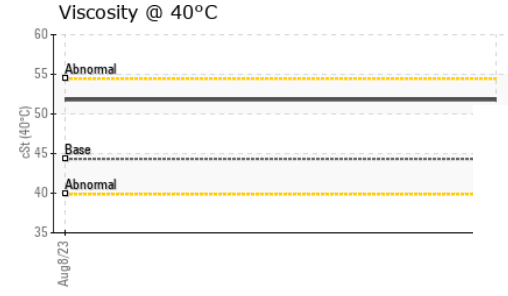
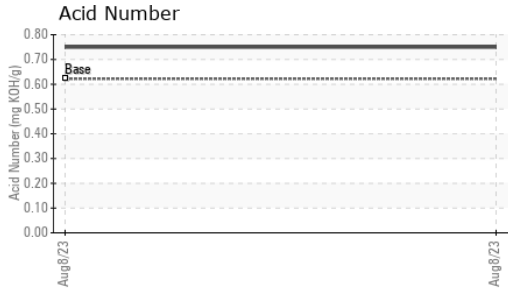
	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.622	0.75	---	---

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	---	---
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	---	---



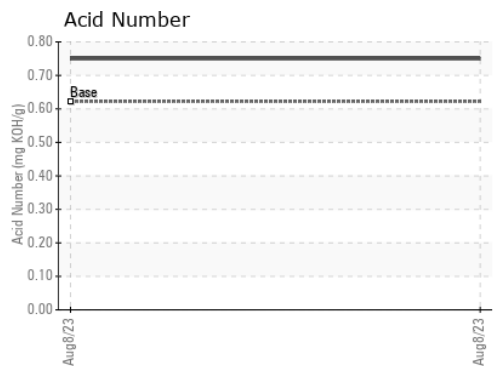
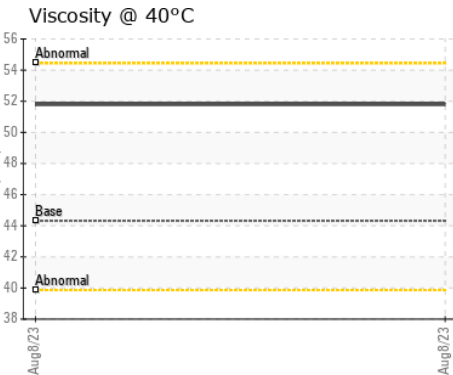
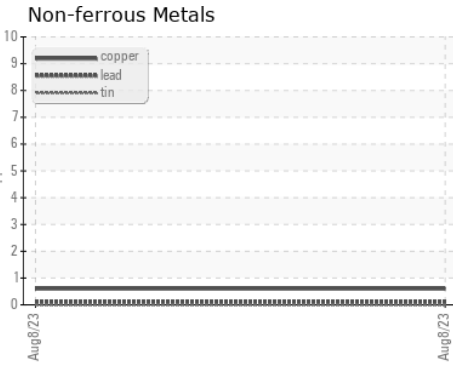
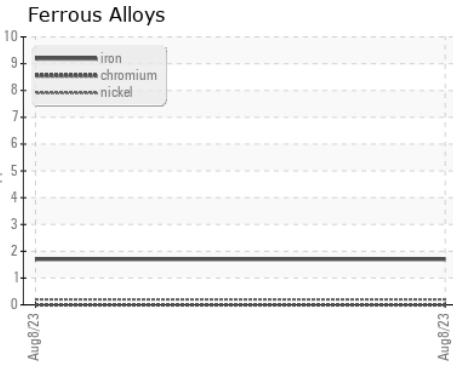
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	44.32	51.8	---	---

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCZ05937340 **Received** : 29 Aug 2023
Lab Number : **05937340** **Diagnosed** : 30 Aug 2023
Unique Number : 10622611 **Diagnostician** : Don Baldrige
Test Package : IND 2

ZORN COMP & EQUIPMENT INC - EAU CLAIRE
 2218-D TRUAX BLVD
 EAU CLAIRE, WI
 US 54703
 Contact: BILL MESTELLE
 bill.mestelle@zornair.com
 T: (715)830-5292
 F:

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)