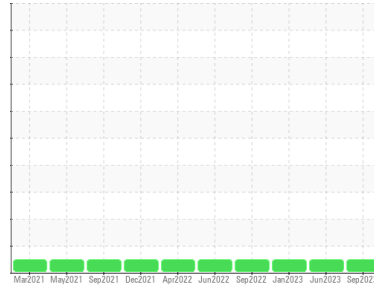




OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Area
Z-PAG 32
 Machine Id
SULLAIR 201406110017 - CABELL WRAPPER
 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 component.

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	UCZ05961346	UCZ05872709	UCZ05742702
Sample Date	Client Info	15 Sep 2023	08 Jun 2023	06 Jan 2023
Machine Age	hrs	46823	45290	42856
Oil Age	hrs	3295	1762	4495
Oil Changed	Client Info	N/A	N/A	N/A
Sample Status		NORMAL	NORMAL	NORMAL

WEAR METALS

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

ADDITIVES

method	limit/base	current	history1	history2	
Boron	ppm	ASTM D5185m 2	0	0	0
Barium	ppm	ASTM D5185m 525	227	461	440
Molybdenum	ppm	ASTM D5185m 10	0	0	0
Manganese	ppm	ASTM D5185m	<1	0	0
Magnesium	ppm	ASTM D5185m 5	0	2	2
Calcium	ppm	ASTM D5185m 10	0	2	1
Phosphorus	ppm	ASTM D5185m 250	7	7	9
Zinc	ppm	ASTM D5185m 100	0	3	4
Sulfur	ppm	ASTM D5185m 400	474	660	406

CONTAMINANTS

method	limit/base	current	history1	history2	
Silicon	ppm	ASTM D5185m >35	3	5	1
Sodium	ppm	ASTM D5185m	63	53	57
Potassium	ppm	ASTM D5185m >20	3	3	3

FLUID DEGRADATION

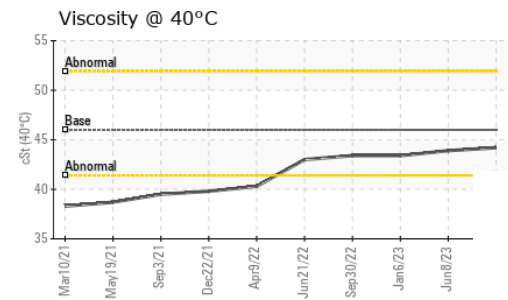
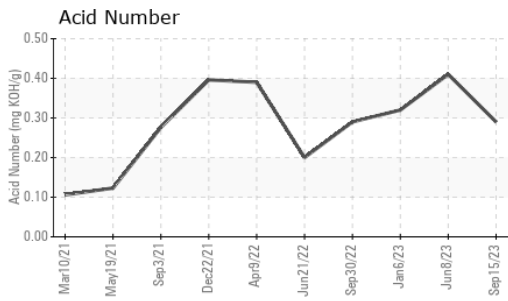
method	limit/base	current	history1	history2	
Acid Number (AN)	mg KOH/g	ASTM D8045	0.29	0.41	0.32

VISUAL

method	limit/base	current	history1	history2	
White Metal	scalar	*Visual NONE	NONE	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	LIGHT	NONE	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 >0.8	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG

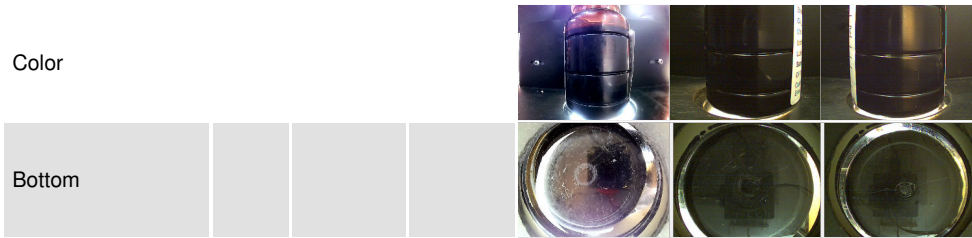


OIL ANALYSIS REPORT

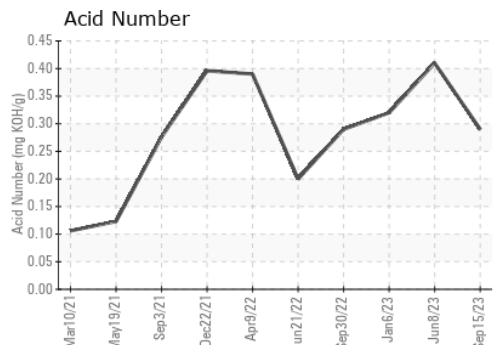
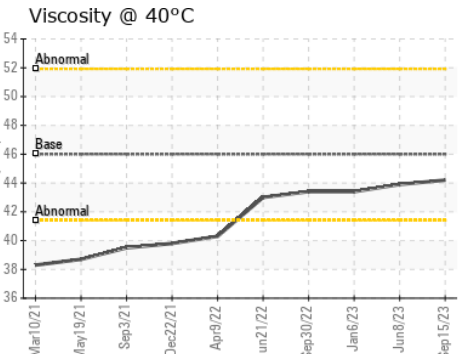
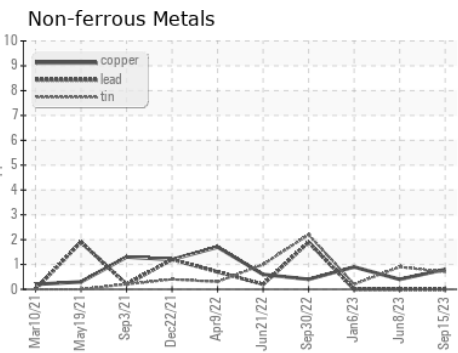
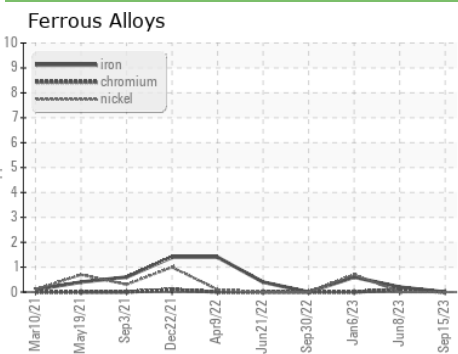


FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	44.2	43.9	43.4

SAMPLE IMAGES		method	limit/base	current	history1	history2
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GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCZ05961346 **Received** : 26 Sep 2023
Lab Number : **05961346** **Diagnosed** : 27 Sep 2023
Unique Number : 10662559 **Diagnostician** : Doug Bogart
Test Package : IND 2

ZORN COMP & EQUIPMENT CO (GB)
 733 POTTS AVE
 GREEN BAY, WI
 US 54304
 Contact: DEAN SCHAD
 dean.schad@zornair.com
 T: (920)391-8121
 F: (920)499-1168

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)