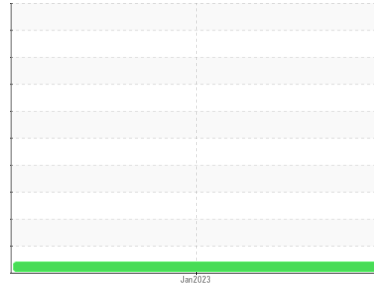




PROBLEM SUMMARY

Sample Rating Trend



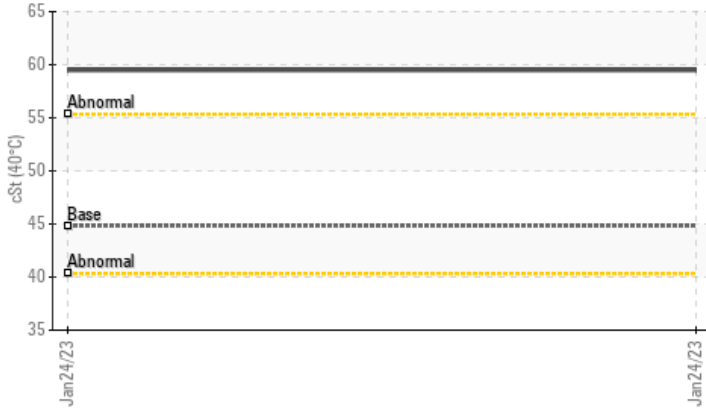
VISCOSITY



Area
ACI-46PG
 Machine Id
BOGE 5095545 - WEST ROCK
 Component
Compressor

COMPONENT CONDITION SUMMARY

▲ Viscosity @ 40°C



RECOMMENDATION

No corrective action is recommended at this time.
 Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ATTENTION	---	---
Visc @ 40°C	cSt	ASTM D445	44.81	▲ 59.5	---	---

Customer Id: UCATLSAL
 Sample No.: UCH05762153
 Lab Number: 05762153
 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Jonathan Hester +1 919-379-4092 x4092
jhester@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

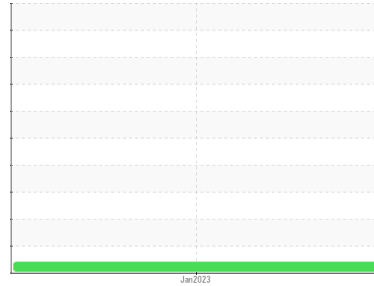


OIL ANALYSIS REPORT

Sample Rating Trend

VISCOSITY

Area
ACI-46PG
 Machine Id
BOGE 5095545 - WEST ROCK
 Component
Compressor



DIAGNOSIS

Recommendation

No corrective action is recommended at this time. 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 oil viscosity is higher than normal. Confirm oil type. The AN level is acceptable for this fluid.

SAMPLE INFORMATION

method	limit/base	current	history 1	history 2
Sample Number	Client Info	UCH05762153	---	---
Sample Date	Client Info	24 Jan 2023	---	---
Machine Age	hrs	Client Info	10924	---
Oil Age	hrs	Client Info	0	---
Oil Changed	Client Info	Not Changed	---	---
Sample Status		ATTENTION	---	---

WEAR METALS

method	limit/base	current	history 1	history 2		
Iron	ppm	ASTM D5185m	>50	<1	---	---
Chromium	ppm	ASTM D5185m	>10	0	---	---
Nickel	ppm	ASTM D5185m		0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>25	0	---	---
Lead	ppm	ASTM D5185m	>25	0	---	---
Copper	ppm	ASTM D5185m	>50	0	---	---
Tin	ppm	ASTM D5185m	>15	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
Cadmium	ppm	ASTM D5185m		0	---	---

ADDITIVES

method	limit/base	current	history 1	history 2		
Boron	ppm	ASTM D5185m	0.6	0	---	---
Barium	ppm	ASTM D5185m	0	0	---	---
Molybdenum	ppm	ASTM D5185m	0	0	---	---
Manganese	ppm	ASTM D5185m	0.3	0	---	---
Magnesium	ppm	ASTM D5185m	0	<1	---	---
Calcium	ppm	ASTM D5185m	0.3	0	---	---
Phosphorus	ppm	ASTM D5185m	233	69	---	---
Zinc	ppm	ASTM D5185m	0	218	---	---
Sulfur	ppm	ASTM D5185m	269	50	---	---

CONTAMINANTS

method	limit/base	current	history 1	history 2		
Silicon	ppm	ASTM D5185m	>25	<1	---	---
Sodium	ppm	ASTM D5185m		8	---	---
Potassium	ppm	ASTM D5185m	>20	<1	---	---

FLUID DEGRADATION

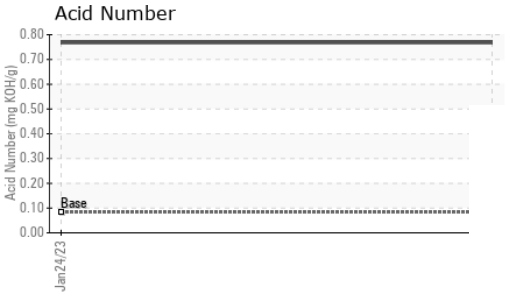
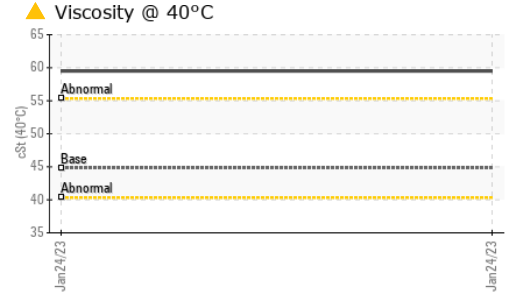
method	limit/base	current	history 1	history 2		
Acid Number (AN)	mg KOH/g	ASTM D8045	0.083	0.768	---	---

VISUAL

method	limit/base	current	history 1	history 2		
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	LIGHT	---	---
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



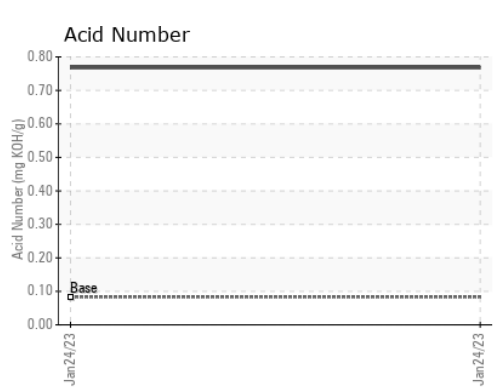
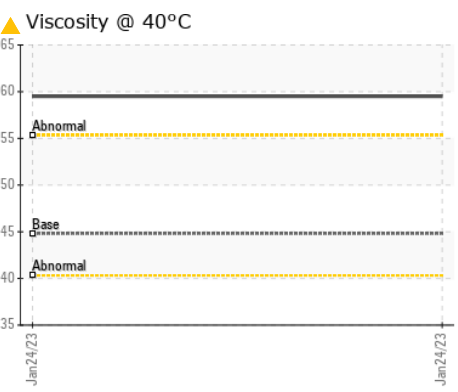
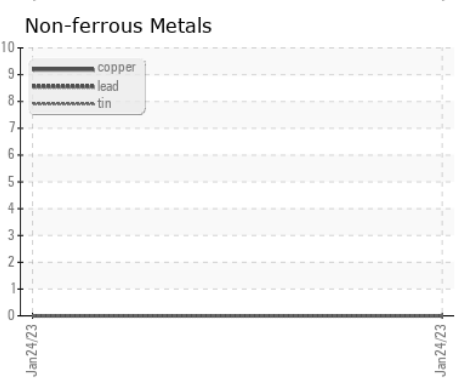
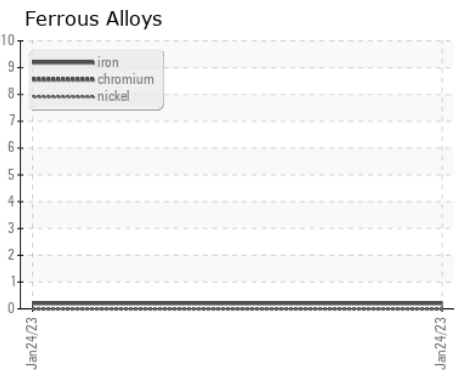
FLUID PROPERTIES	method	limit/base	current	history 1	history 2
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Visc @ 40°C	cSt	ASTM D445	44.81	▲ 59.5	---	---
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SAMPLE IMAGES	method	limit/base	current	history 1	history 2
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Color				no image	no image
Bottom				no image	no image

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UCH05762153 **Received** : 08 Feb 2023
Lab Number : 05762153 **Diagnosed** : 13 Feb 2023
Unique Number : 10331761 **Diagnostician** : Jonathan Hester
Test Package : IND 2

ATLANTIC COMPRESSORS
 2144 SALEM INDUSTRIAL DRIVE
 SALEM, VA
 US 24153
 Contact: BILL RIMER
 bill@atlanticcompressors.com
 T: (540)728-1147
 F: (757)216-0134

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)