



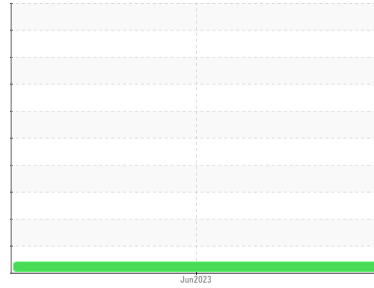
PROBLEM SUMMARY

Sample Rating Trend

VISCOSITY



Area
ACI 46 PG [J10580-V1]
 Machine Id
SULLAIR Carter's Cabinet - Sullair ES6 (S/N E703001331)
 Component
Air Compressor
 Fluid
ULTRACHEM PGR 46 (5 GAL)



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	▲ 59.69	---	---

Customer Id: UCATLSAL
 Sample No.: UAC0000012
 Lab Number: 05876930
 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



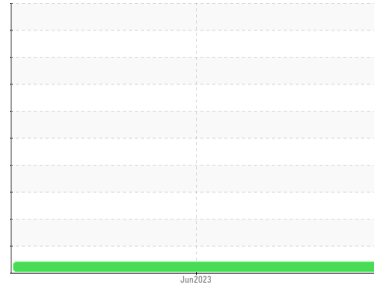
OIL ANALYSIS REPORT

Sample Rating Trend

VISCOSITY



Area
ACI 46 PG [J10580-V1]
 Machine Id
SULLAIR Carter's Cabinet - Sullair ES6 (S/N E703001331)
 Component
Air Compressor
 Fluid
ULTRACHEM PGR 46 (5 GAL)



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	history1	history2
Sample Number	Client Info	UAC0000012	---	---
Sample Date	Client Info	15 Jun 2023	---	---
Machine Age	hrs Client Info	0	---	---
Oil Age	hrs Client Info	1500	---	---
Oil Changed	Client Info	Not Chngd	---	---
Sample Status		ATTENTION	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>50	0	---	---
Chromium ppm ASTM D5185m	>4	0	---	---
Nickel ppm ASTM D5185m	>4	0	---	---
Titanium ppm ASTM D5185m		0	---	---
Silver ppm ASTM D5185m		0	---	---
Aluminum ppm ASTM D5185m	>10	0	---	---
Lead ppm ASTM D5185m	>20	0	---	---
Copper ppm ASTM D5185m	>40	0	---	---
Tin ppm ASTM D5185m	>5	0	---	---
Vanadium ppm ASTM D5185m		0	---	---
Cadmium ppm ASTM D5185m		0	---	---

ADDITIVES

method	limit/base	current	history1	history2
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	<1	---	---
Magnesium ppm ASTM D5185m	0	0	---	---
Calcium ppm ASTM D5185m	0.3	0	---	---
Phosphorus ppm ASTM D5185m	233	37	---	---
Zinc ppm ASTM D5185m	0	10	---	---
Sulfur ppm ASTM D5185m	269	38	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>25	0	---	---
Sodium ppm ASTM D5185m		<1	---	---
Potassium ppm ASTM D5185m	>20	<1	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045	0.083	0.50	---	---

VISUAL

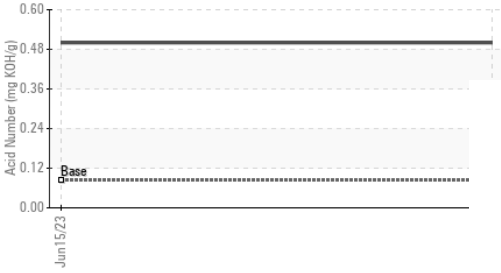
method	limit/base	current	history1	history2
White Metal scalar *Visual	NONE	NONE	---	---
Yellow Metal scalar *Visual	NONE	NONE	---	---
Precipitate scalar *Visual	NONE	NONE	---	---
Silt scalar *Visual	NONE	NONE	---	---
Debris scalar *Visual	NONE	NONE	---	---
Sand/Dirt scalar *Visual	NONE	NONE	---	---
Appearance scalar *Visual	NORML	NORML	---	---
Odor scalar *Visual	NORML	NORML	---	---
Emulsified Water scalar *Visual	>0.6	NEG	---	---
Free Water scalar *Visual		NEG	---	---

OIL ANALYSIS REPORT

▲ Viscosity @ 40°C



Acid Number



FLUID PROPERTIES	method	limit/base	current	history1	history2
------------------	--------	------------	---------	----------	----------

Visc @ 40°C	cSt	ASTM D445	44.81	▲ 59.69	---	---
-------------	-----	-----------	-------	---------	-----	-----

SAMPLE IMAGES	method	limit/base	current	history1	history2
---------------	--------	------------	---------	----------	----------

Color



no image

no image

Bottom

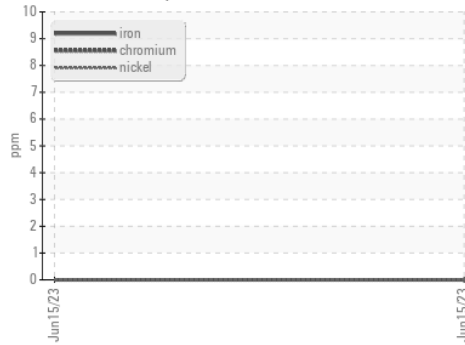


no image

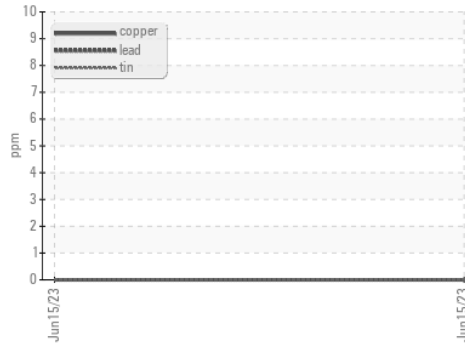
no image

GRAPHS

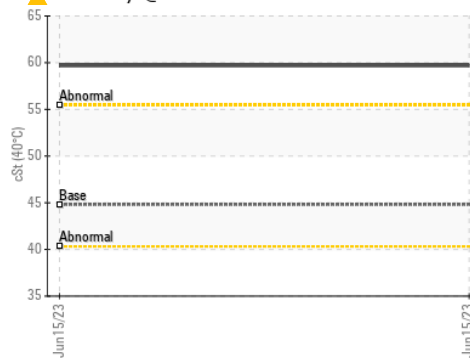
Ferrous Alloys



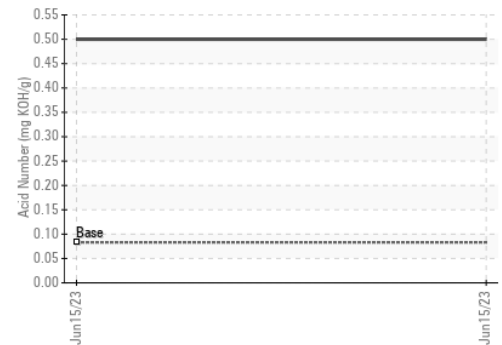
Non-ferrous Metals



▲ Viscosity @ 40°C



Acid Number



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UAC000012 **Received** : 19 Jun 2023
Lab Number : 05876930 **Diagnosed** : 26 Jun 2023
Unique Number : 10522033 **Diagnostician** : Jonathan Hester
Test Package : IND 2

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)

ATLANTIC COMPRESSORS
 2144 SALEM INDUSTRIAL DRIVE
 SALEM, VA
 US 24153

Contact: BILL RIMER
bill@atlanticcompressors.com

T: (540)728-1147

F: (757)216-0134