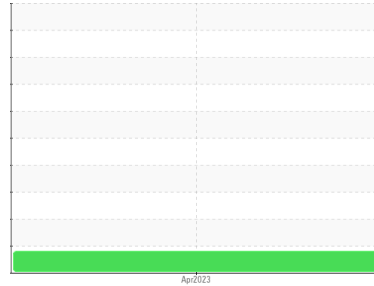


PROBLEM SUMMARY

Sample Rating Trend

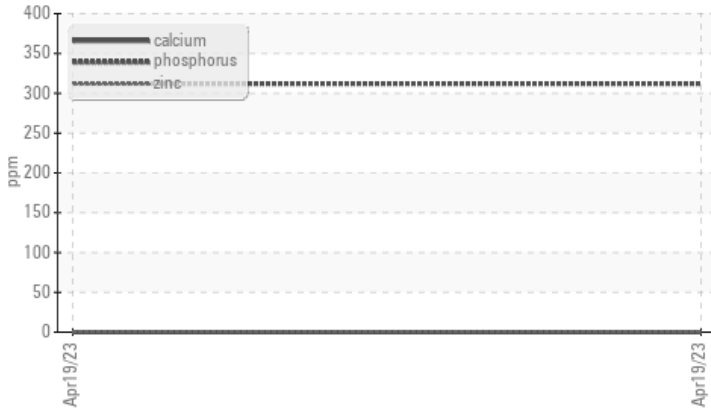
ADDITIVES

Area
SULLUBE
Machine Id
SULLAIR 003-86610
Component
Compressor



COMPONENT CONDITION SUMMARY

▲ Additives



RECOMMENDATION

We suspect abnormal contamination may be due to sampling method. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status	ATTENTION		---	---		
Barium	ppm	ASTM D5185m	730	▲ <1	---	---
Phosphorus	ppm	ASTM D5185m	0	▲ 312	---	---

Customer Id: UCCOMLAP
Sample No.: UCS05938353
Lab Number: 05938353
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
Doug Bogart +1 (800)237-1369 x4016
dougb@wearcheckusa.com

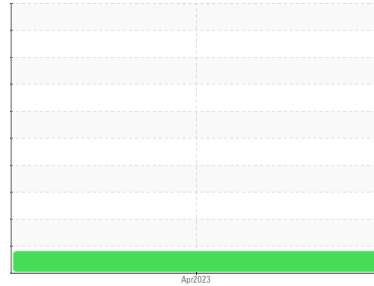
To change component or sample information:
Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

Area
SULLUBE
Machine Id
SULLAIR 003-86610
Component
Compressor



DIAGNOSIS

Recommendation

We suspect abnormal contamination may be due to sampling method. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Moderate concentration of visible dirt/debris present in the oil.

Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type. The AN level is acceptable for this fluid.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		UCS05938353	---	---
Sample Date	Client Info		19 Apr 2023	---	---
Machine Age	hrs	Client Info	49220	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ATTENTION	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	0	---	---
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	<1	---	---
Lead	ppm	ASTM D5185m >25	<1	---	---
Copper	ppm	ASTM D5185m >50	<1	---	---
Tin	ppm	ASTM D5185m >15	0	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 1	0	---	---
Barium	ppm	ASTM D5185m 730	<1	---	---
Molybdenum	ppm	ASTM D5185m 0	0	---	---
Manganese	ppm	ASTM D5185m 0.0	0	---	---
Magnesium	ppm	ASTM D5185m 0	0	---	---
Calcium	ppm	ASTM D5185m 0	0	---	---
Phosphorus	ppm	ASTM D5185m 0	312	---	---
Zinc	ppm	ASTM D5185m 0	<1	---	---
Sulfur	ppm	ASTM D5185m 590	1834	---	---

CONTAMINANTS

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

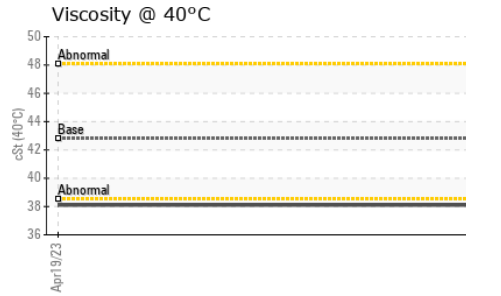
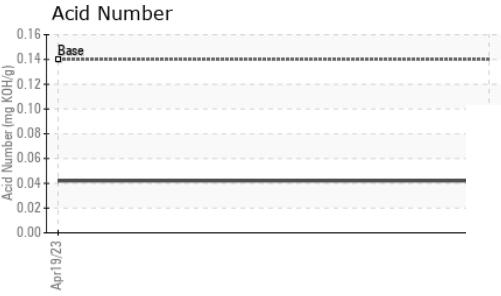
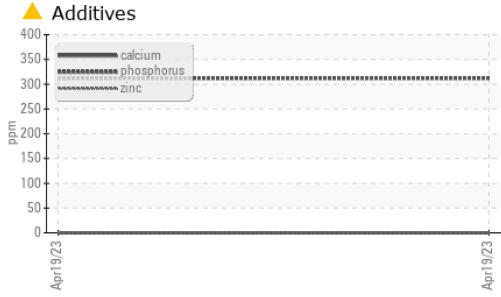
FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045 0.14	0.042	---	---

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	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	---	---

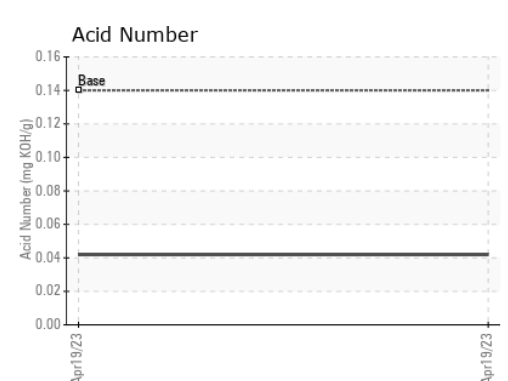
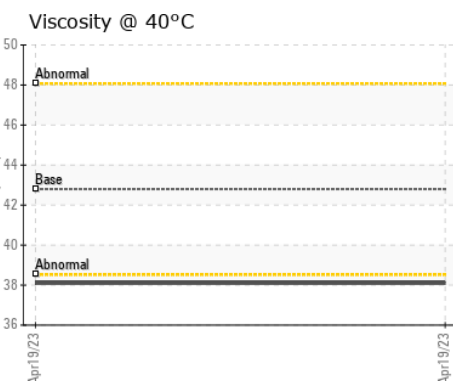
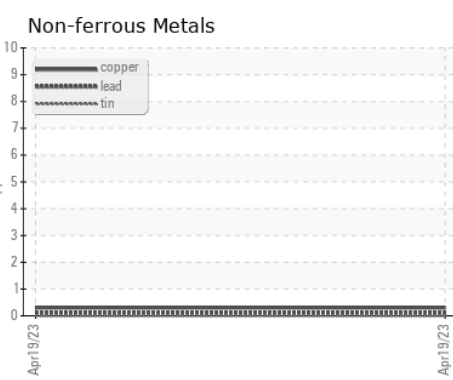
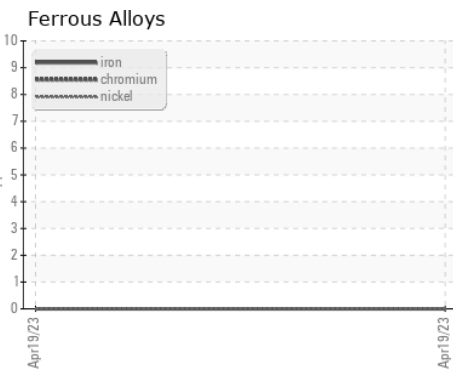
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	42.8	---	---

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. : UCS05938353 **Received** : 30 Aug 2023
Lab Number : 05938353 **Diagnosed** : 01 Sep 2023
Unique Number : 10628965 **Diagnostician** : Doug Bogart
Test Package : IND 2

COMPRESSAIR
 1758 GENESIS DRIVE
 LAPORTE & MICHIGAN CITY, IN
 US 46350
 Contact: ANDREW CROWL
 acrowl@compressair.net; scrowl@compressair.net
 T: (219)369-4880
 F: (219)785-8426

Certificate L2367
 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)