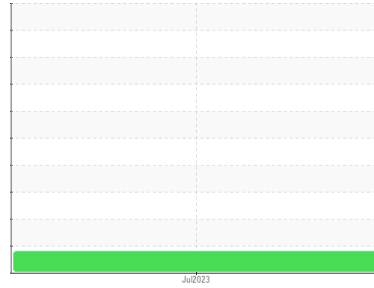




PROBLEM SUMMARY

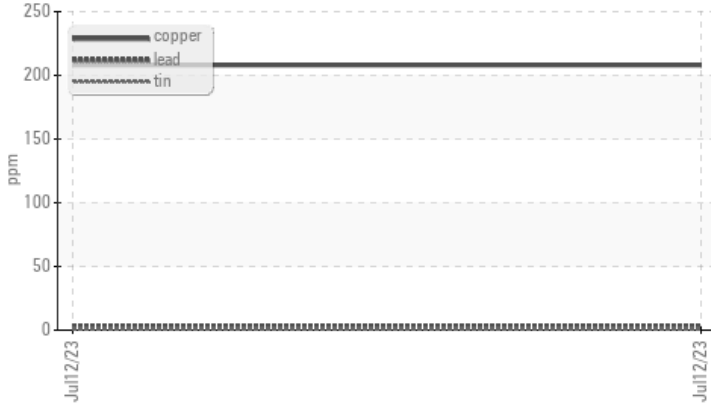
Area
NOT GIVEN
Machine Id
KAESER 1131
Component
Compressor

Sample Rating Trend



COMPONENT CONDITION SUMMARY

▲ Non-ferrous Metals



RECOMMENDATION

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ATTENTION	---	---
Copper	ppm	ASTM D5185m	>50	▲ 208	---	---

Customer Id: UCATLSAL
Sample No.: UCH05900036
Lab Number: 05900036
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
Don Baldrige +1
don.b505@comcast.net

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

RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Change Fluid	---	---	?	Oil and filter change at the time of sampling has been noted.
Change Filter	---	---	?	Oil and filter change at the time of sampling has been noted.

HISTORICAL DIAGNOSIS

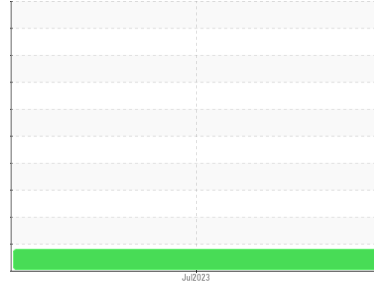


OIL ANALYSIS REPORT

Sample Rating Trend

WEAR

Area
NOT GIVEN
Machine Id
KAESER 1131
Component
Compressor



DIAGNOSIS

▲ Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

▲ Wear

The copper level is abnormal. All other 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	UCH05900036	---	---
Sample Date	Client Info	12 Jul 2023	---	---
Machine Age	hrs	Client Info	24789	---
Oil Age	hrs	Client Info	0	---
Oil Changed	Client Info	Changed	---	---
Sample Status		ATTENTION	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	4	---
Chromium	ppm	ASTM D5185m >10	0	---
Nickel	ppm	ASTM D5185m >3	0	---
Titanium	ppm	ASTM D5185m >3	0	---
Silver	ppm	ASTM D5185m >2	0	---
Aluminum	ppm	ASTM D5185m >10	<1	---
Lead	ppm	ASTM D5185m >10	2	---
Copper	ppm	ASTM D5185m >50	▲ 208	---
Tin	ppm	ASTM D5185m >10	<1	---
Vanadium	ppm	ASTM D5185m	<1	---
Cadmium	ppm	ASTM D5185m	0	---

ADDITIVES

method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	---
Barium	ppm	ASTM D5185m	0	---
Molybdenum	ppm	ASTM D5185m	0	---
Manganese	ppm	ASTM D5185m	<1	---
Magnesium	ppm	ASTM D5185m	1	---
Calcium	ppm	ASTM D5185m	0	---
Phosphorus	ppm	ASTM D5185m	274	---
Zinc	ppm	ASTM D5185m	333	---
Sulfur	ppm	ASTM D5185m	511	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	<1	---
Sodium	ppm	ASTM D5185m	4	---
Potassium	ppm	ASTM D5185m >20	2	---

FLUID DEGRADATION

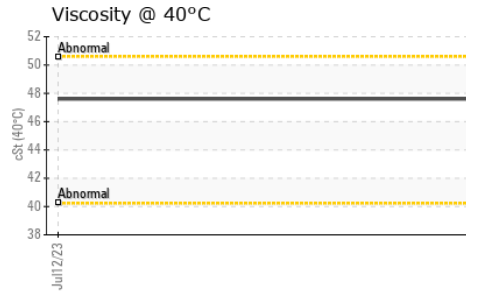
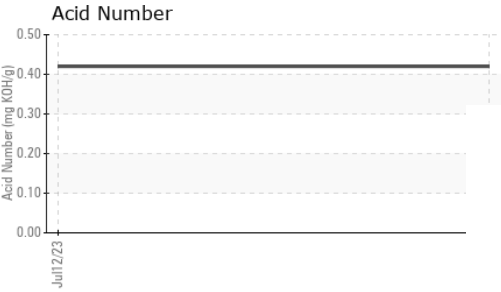
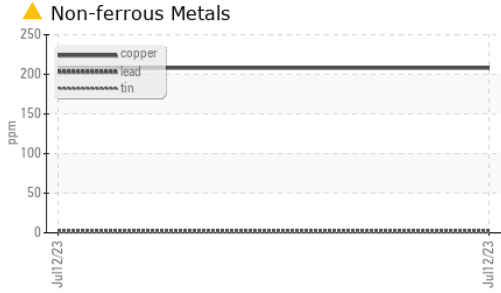
method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.42	---

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	LIGHT	---
Sand/Dirt	scalar	*Visual NONE	NONE	---
Appearance	scalar	*Visual NORML	NORML	---
Odor	scalar	*Visual NORML	NORML	---
Emulsified Water	scalar	*Visual >0.05	NEG	---
Free Water	scalar	*Visual	NEG	---



OIL ANALYSIS REPORT



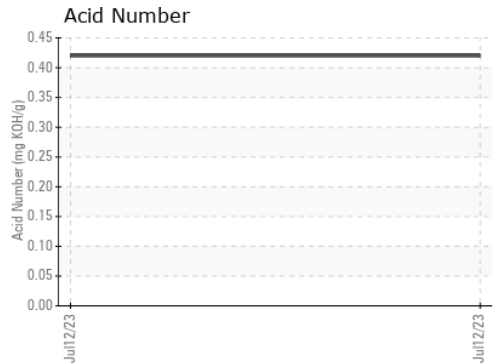
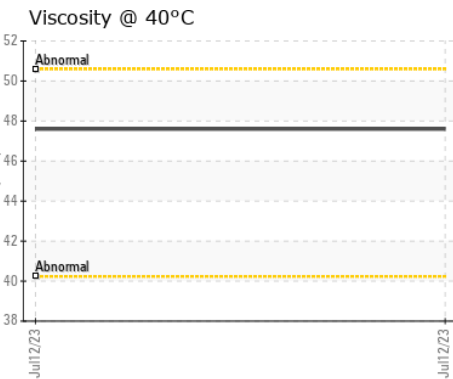
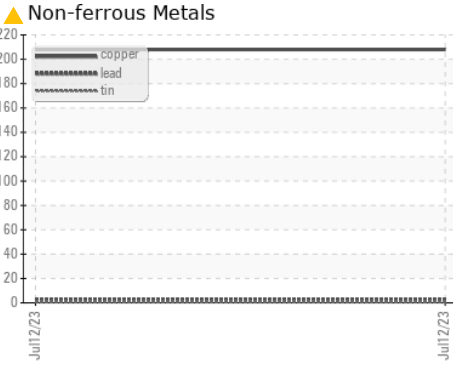
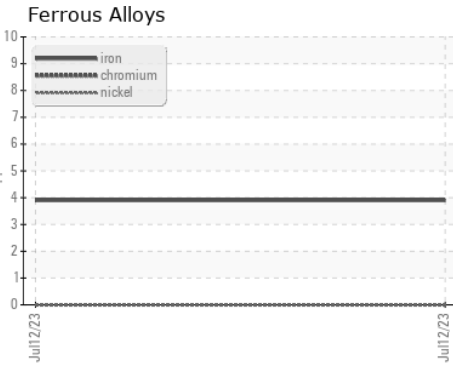
FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	47.6	---	---

SAMPLE IMAGES

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
 Sample No. : UCH05900036 Received : 17 Jul 2023
 Lab Number : 05900036 Diagnosed : 18 Jul 2023
 Unique Number : 10561392 Diagnostician : Don Baldrige
 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)