



PROBLEM SUMMARY

Sample Rating Trend

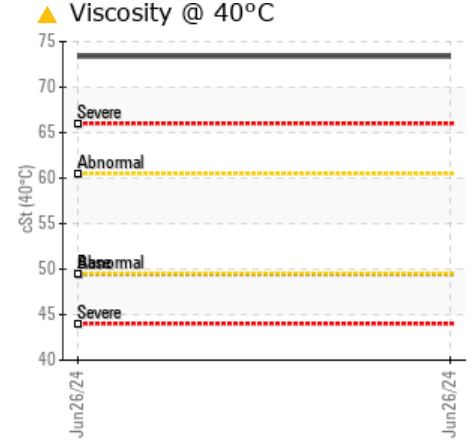
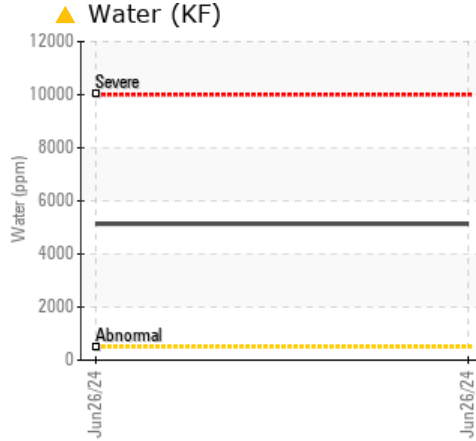
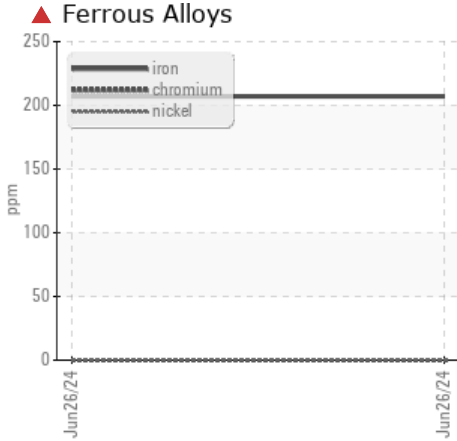


WEAR



Machine Id
KAESER CSD 100T 5568492 (S/N 1074)
 Component
Compressor
 Fluid
INGERSOLL-RAND SSR ULTRA COOLANT (--- LTR)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend you service the filters on this component. We advise that you inspect for the source(s) of wear. We were unable to perform a particle count due to a high concentration of particles present in this sample. We advise that you stop the unit and follow the water drain-off procedure for this component. We recommend an early resample in 500 hours to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status				SEVERE	---	---
Iron	ppm	ASTM D5185m	>50	▲ 207	---	---
Water	%	ASTM D6304	>0.05	▲ 0.513	---	---
ppm Water	ppm	ASTM D6304	>500	▲ 5137	---	---
Debris	scalar	*Visual	NONE	▲ MODER	---	---
Visc @ 40°C	cSt	ASTM D445	49.4	▲ 73.38	---	---

Customer Id: COTFTW
 Sample No.: KCP06235964
 Lab Number: 06235964
 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

Action	Status	Date	Done By	Description
Inspect Wear Source	---	---	?	We advise that you inspect for the source(s) of wear.
Change Filter	---	---	?	We recommend you service the filters on this component.
Alert	---	---	?	We were unable to perform a particle count due to a high concentration of particles present in this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



WEAR



Machine Id
KAESER CSD 100T 5568492 (S/N 1074)
Component
Compressor
Fluid
INGERSOLL-RAND SSR ULTRA COOLANT (--- LTR)

DIAGNOSIS

▲ Recommendation

We recommend you service the filters on this component. We advise that you inspect for the source(s) of wear. We were unable to perform a particle count due to a high concentration of particles present in this sample. We advise that you stop the unit and follow the water drain-off procedure for this component. We recommend an early resample in 500 hours to monitor this condition.

▲ Wear

The iron level is severe.

▲ Contamination

There is a moderate concentration of water present in the oil. Moderate concentration of visible dirt/debris present in the oil.

▲ Fluid Condition

The oil viscosity is higher than normal. The AN level is acceptable for this fluid.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		KCP06235964	---	---
Sample Date	Client Info		26 Jun 2024	---	---
Machine Age	hrs	Client Info	61119	---	---
Oil Age	hrs	Client Info	800	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			SEVERE	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	▲ 207	---	---
Chromium	ppm	ASTM D5185m >10	0	---	---
Nickel	ppm	ASTM D5185m >3	<1	---	---
Titanium	ppm	ASTM D5185m >3	0	---	---
Silver	ppm	ASTM D5185m >2	0	---	---
Aluminum	ppm	ASTM D5185m >10	<1	---	---
Lead	ppm	ASTM D5185m >10	<1	---	---
Copper	ppm	ASTM D5185m >50	21	---	---
Tin	ppm	ASTM D5185m >10	1	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	<1	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 0	17	---	---
Barium	ppm	ASTM D5185m 500	43	---	---
Molybdenum	ppm	ASTM D5185m 0	0	---	---
Manganese	ppm	ASTM D5185m	1	---	---
Magnesium	ppm	ASTM D5185m 0	1	---	---
Calcium	ppm	ASTM D5185m 0	3	---	---
Phosphorus	ppm	ASTM D5185m 20	56	---	---
Zinc	ppm	ASTM D5185m 0	33	---	---
Sulfur	ppm	ASTM D5185m 200	598	---	---

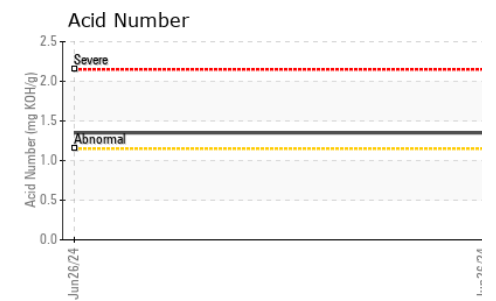
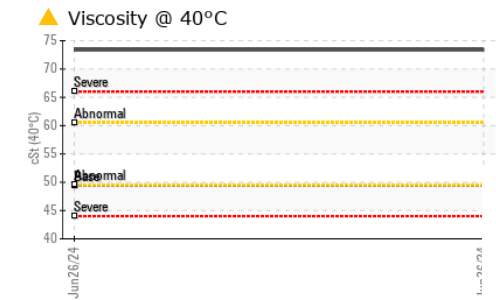
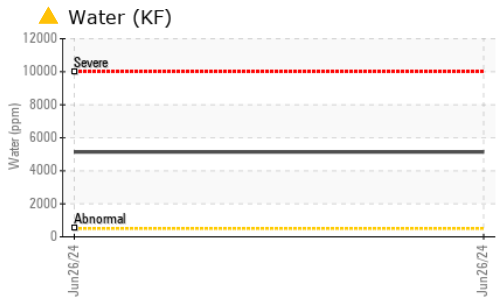
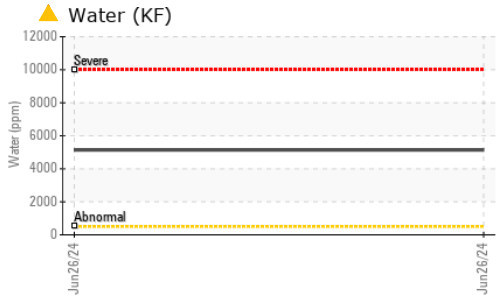
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	5	---	---
Sodium	ppm	ASTM D5185m	94	---	---
Potassium	ppm	ASTM D5185m >20	12	---	---
Water	%	ASTM D6304 >0.05	▲ 0.513	---	---
ppm Water	ppm	ASTM D6304 >500	▲ 5137	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	1.35	---	---

OIL ANALYSIS REPORT

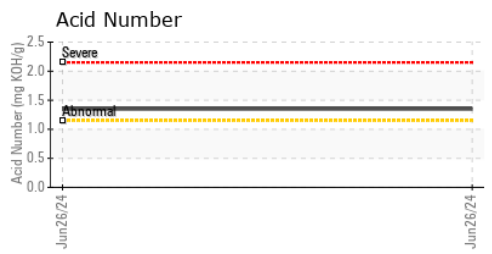
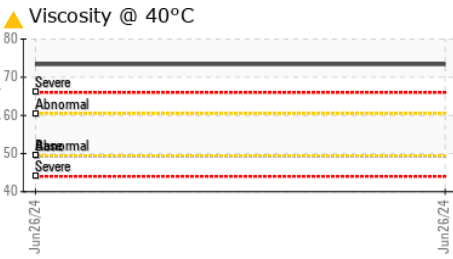
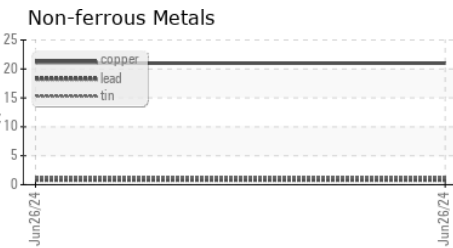
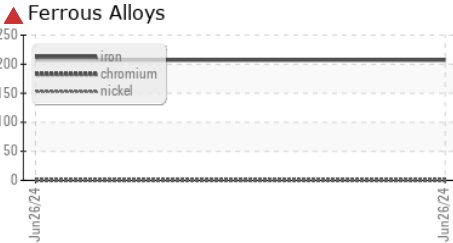


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	▲ MODER	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.05	NEG	---
Free Water	scalar	*Visual		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	49.4 ▲ 73.38	---	---

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. : KCP06235964 **Received** : 15 Jul 2024
Lab Number : 06235964 **Tested** : 19 Jul 2024
Unique Number : 11124798 **Diagnosed** : 19 Jul 2024 - Jonathan Hester
Test Package : IND 2 (Additional Tests: KF, PrtCount)

COTT BEVERAGE
 15200 TRINITY BLVD
 FT WORTH, TX
 US 76155
 Contact: SERVICE MANAGER

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)

T:
F: