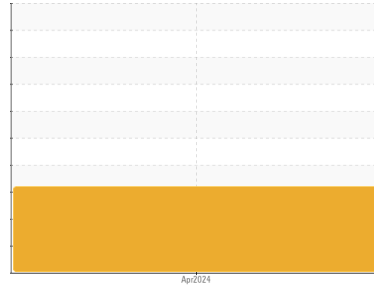
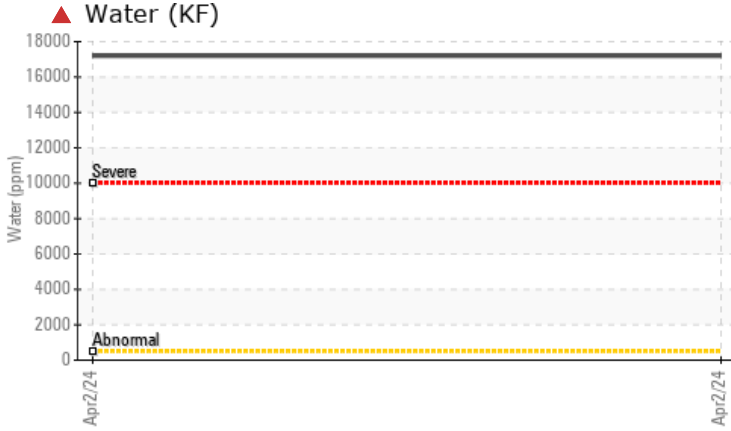




Area
DIAMOND BLUE 8K
 Machine Id
KAESER 1008 - CSC MISSOURI
 Component
Compressor



COMPONENT CONDITION SUMMARY



RECOMMENDATION

We advise that you follow the water drain-off procedure for this component. The filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS

Sample Status				SEVERE	---	---
Water	%	ASTM D6304	>0.05	▲ 1.72	---	---
ppm Water	ppm	ASTM D6304	>500	▲ 17200	---	---
Emulsified Water	scalar	*Visual	>0.05	▲ 0.2%	---	---

Customer Id: UCJOHSAI
Sample No.: JHF0000094
Lab Number: 06144461
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Angela Borella +1 800-237-1369
angela.borella@wearcheckusa.com

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

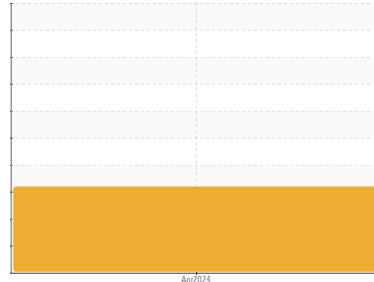
RECOMMENDED ACTIONS

Action	Status	Date	Done By	Description
Water Drain-off	---	---	?	We advise that you follow the water drain-off procedure for this component.
Resample	---	---	?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS



Area
DIAMOND BLUE 8K
 Machine Id
KAESER 1008 - CSC MISSOURI
 Component
Compressor



DIAGNOSIS

- ▲ Recommendation**
 We advise that you follow the water drain-off procedure for this component. The filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.
- Wear**
 All component wear rates are normal.
- ▲ Contamination**
 There is a high concentration of water present in the oil.
- Fluid Condition**
 The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION method limit/base current history1 history2

Sample Number	Client Info		JHF0000094	---	---
Sample Date	Client Info		02 Apr 2024	---	---
Machine Age	hrs	Client Info	34830	---	---
Oil Age	hrs	Client Info	1886	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			SEVERE	---	---

WEAR METALS method limit/base current history1 history2

Iron	ppm	ASTM D5185m	>50	<1	---	---
Chromium	ppm	ASTM D5185m	>10	<1	---	---
Nickel	ppm	ASTM D5185m	>3	<1	---	---
Titanium	ppm	ASTM D5185m	>3	<1	---	---
Silver	ppm	ASTM D5185m	>2	0	---	---
Aluminum	ppm	ASTM D5185m	>10	2	---	---
Lead	ppm	ASTM D5185m	>10	<1	---	---
Copper	ppm	ASTM D5185m	>50	5	---	---
Tin	ppm	ASTM D5185m	>10	<1	---	---
Vanadium	ppm	ASTM D5185m		<1	---	---
Cadmium	ppm	ASTM D5185m		<1	---	---

ADDITIVES method limit/base current history1 history2

Boron	ppm	ASTM D5185m	5	0	---	---
Barium	ppm	ASTM D5185m	5	9	---	---
Molybdenum	ppm	ASTM D5185m	5	<1	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m	5	<1	---	---
Calcium	ppm	ASTM D5185m	5	4	---	---
Phosphorus	ppm	ASTM D5185m	150	0	---	---
Zinc	ppm	ASTM D5185m	5	0	---	---
Sulfur	ppm	ASTM D5185m	5000	4878	---	---

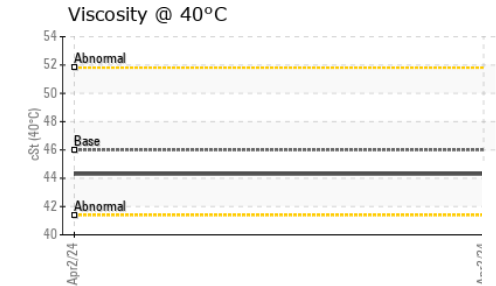
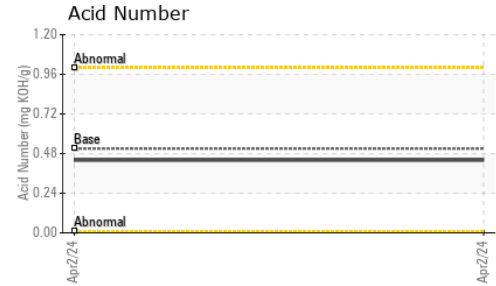
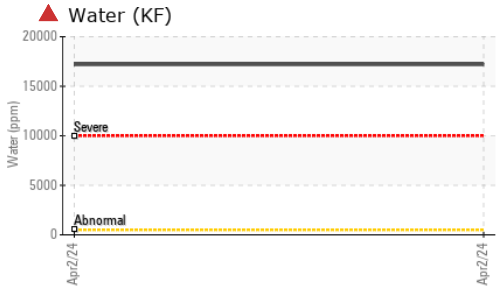
CONTAMINANTS method limit/base current history1 history2

Silicon	ppm	ASTM D5185m	>25	17	---	---
Sodium	ppm	ASTM D5185m		3	---	---
Potassium	ppm	ASTM D5185m	>20	<1	---	---
Water	%	ASTM D6304	>0.05	▲ 1.72	---	---
ppm Water	ppm	ASTM D6304	>500	▲ 17200	---	---

FLUID DEGRADATION method limit/base current history1 history2

Acid Number (AN)	mg KOH/g	ASTM D8045	0.51	0.44	---	---
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OIL ANALYSIS REPORT



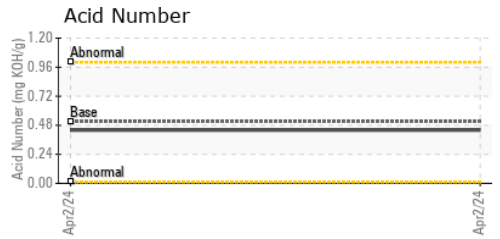
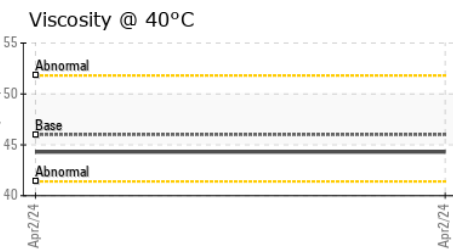
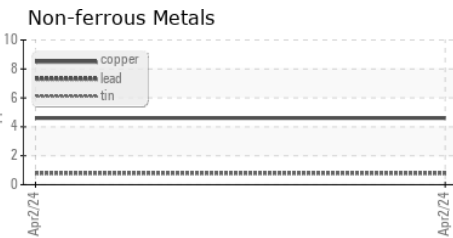
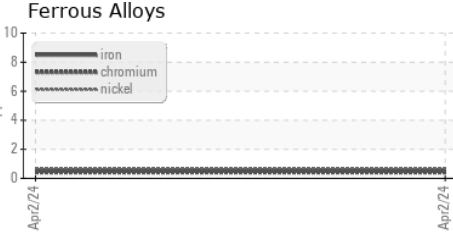
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	MODER	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.05	▲ 0.2%	---	---
Free Water	scalar	*Visual		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 46	44.3	---	---

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : JHF0000094 **Received** : 10 Apr 2024
Lab Number : **06144461** **Tested** : 11 Apr 2024
Unique Number : 10969269 **Diagnosed** : 12 Apr 2024 - Angela Borella
Test Package : IND 2 (Additional Tests: KF)

JOHN HENRY FOSTER COMPANY
 4700 LEBOURGET STREET
 SAINT LOUIS, MO
 US 63134
 Contact: RACHEL VON HATTEN
 rvonhatten@jhfc.com

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) F: (314)874-0965