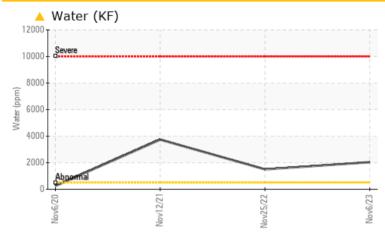




KAESER AS-25 5413891 (S/N 1174)

Compressor Fluid SYNTHETIC (--- GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

The filter change at the time of sampling has been noted. 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. We were unable to perform a particle count due to a high concentration of particles present in this sample.

PROBLEMATIC TEST RESULTS							
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL	
Water	%	ASTM D6304	>0.05	A 0.204	0 .150	▲ 0.374	
ppm Water	ppm	ASTM D6304	>500	A 2040	1 500	A 3740	
Silt	scalar	*Visual	NONE	🔺 HEAVY	NONE	A HEAVY	
Appearance	scalar	*Visual	NORML	🔺 HAZY	NORML	🔺 HAZY	

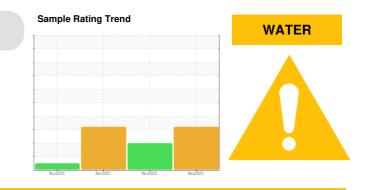
Customer Id: WATPATKC Sample No.: KC125895 Lab Number: 06007725 Test Package: IND 2



To manage this report scan the QR code

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

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



RECOMMENDED AC	DED ACTIONS						
Action	Status	Date	Done By				
Alert			?				

Description

We were unable to perform a particle count due to a high concentration of particles present in this sample.

HISTORICAL DIAGNOSIS

25 Nov 2022 Diag: Don Baldridge



The filter change at the time of sampling has been noted. 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. We were unable to perform a particle count due to a high concentration of particles present in this sample.All component wear rates are normal. Moderate concentration of visible dirt/debris present in the oil. There is a light concentration of water present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



12 Nov 2021 Diag: Jonathan Hester



12 NOV 2021 Diag. Jonathan heste



We advise that you stop the unit and 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 in 500 hours to monitor this condition. We were unable to perform a particle count due to a high concentration of particles present in this sample. All component wear rates are normal. Appearance is hazy. There is a moderate concentration of water present in the oil. There is a high amount of visible silt present in the sample. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



NORMAL

06 Nov 2020 Diag: Angela Borella

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.





OIL ANALYSIS REPORT

Machine Id KAESER AS-25 5413891 (S/N 1174) Component

Compressor Fluic SYNTHETIC (--- GAL)

DIAGNOSIS

Recommendation

The filter change at the time of sampling has been noted. 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. We were unable to perform a particle count due to a high concentration of particles present in this sample.

Wear

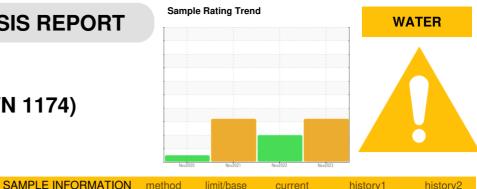
All component wear rates are normal.

Contamination

Appearance is hazy. There is a moderate concentration of water present in the oil. There is a high amount of visible silt present in the sample.

Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



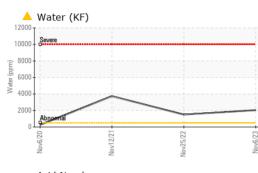
Machine Age hrs Client Info 16837 15839 14721 Oil Age hrs Client Info 5683 4685 3567 Oil Changed Client Info Not Changd Not Changd Not Changd	SAMPLE INFORM	ΛΑΤΙΟΝ	method	limit/base	current	history1	history2
Sample Date Client Info 06 Nov 2023 25 Nov 2022 12 Nov 2021 Machine Age hrs Client Info 15837 15839 14721 Oil Age Ns Client Info 5683 4685 3567 Oil Changed Client Info Not Changd Not Changd ABNORMAL ABNORMAL ABNORMAL ABNORMAL WEAR METALS method limitoase current history1 history2 Iron ppm ASTMOSIS6m >10 0 0 0 Nickel ppm ASTMOSIS6m >3 0 0 0 Silver ppm ASTMOSIS6m >10 0 0 0 Cadmium ppm ASTMOSIS6m >10 0 0 0 Antimony ppm ASTMOSIS6m >10 0 0 0 Antimony ppm ASTMOSIS6m >10 0 0 0 Antimony ppm ASTMOSIS6m 0 0 </th <th>Sample Number</th> <th></th> <th>Client Info</th> <th></th> <th>KC125895</th> <th>KC95061</th> <th>KC73421</th>	Sample Number		Client Info		KC125895	KC95061	KC73421
Machine Age hrs Client Info 16837 15839 14721 Oil Age hrs Client Info S683 4685 3567 Oil Changed Client Info Not Changd ABNORMAL ABNORMAL ABNORMAL Sample Status Image Client Info Not Changd ABNORMAL ABNORMAL ABNORMAL WEAR METALS method Imit/base current history1 history2 Iron ppm ASTM D5185m >30 0 0 0 Nickel ppm ASTM D5185m >3 <1 0 0 Silver ppm ASTM D5185m >10 0 0 0 Lead ppm ASTM D5185m >10 0 0 0 Vanadium ppm ASTM D5185m <1 0 0 0 Adminum ppm ASTM D5185m <0 0 0 0 Vanadium ppm ASTM D5185m <0 0	Sample Date		Client Info		06 Nov 2023	25 Nov 2022	12 Nov 2021
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Oli Changed Sample Status Client Info Not Changd ABNORMAL Not Changd ABNORMAL Not Changd ABNORMAL Not Changd ABNORMAL WEAR METALS method limit/base current history2 Iron ppm ASTM D5185m >50 0 <1	-	hrs	Client Info		5683	4685	3567
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Silver ppm ASTM D5185m >2 0 0 0 Aluminum ppm ASTM D5185m >10 0 0 0 Lead ppm ASTM D5185m >10 0 0 0 Copper ppm ASTM D5185m >50 22 15 8 Tin ppm ASTM D5185m >10 0 0 0 Antimony ppm ASTM D5185m 0 Vanadium ppm ASTM D5185m <1 0 0 Cadmium ppm ASTM D5185m 0 0 <1 History1 Barium ppm ASTM D5185m 0 0 0 0 Magnese ppm ASTM D5185m 0 0 0 0 Magnesium ppm ASTM D5185m 0 33 0 14 CONTAMINANTS method limit/base current history1 history2	Nickel	ppm	ASTM D5185m	>3	0	0	
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Boron ppm ASTM D5185m 0 0 <1	ADDITIVES		method	limit/base	current	history1	history2
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Sodium ppm ASTM D5185m 2 3 8 Potassium ppm ASTM D5185m >20 0 0 1 Water % ASTM D6304 >0.05 ▲ 0.204 ▲ 0.150 ▲ 0.374 ppm Water ppm ASTM D6304 >500 ▲ 2040 ▲ 1500 ▲ 3740 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 Particles >6µm ASTM D7647 >1300 Particles >14µm ASTM D7647 >80 Particles >14µm ASTM D7647 >20 Particles >38µm ASTM D7647 >3 Particles >71µm ASTM D7647 >3 Oil Cleanliness ISO 4406 (c) >/17/13							
Potassium ppm ASTM D5185m >20 0 0 1 Water % ASTM D6304 >0.05 ▲ 0.204 ▲ 0.150 ▲ 0.374 ppm Water ppm ASTM D6304 >500 ▲ 2040 ▲ 1500 ▲ 3740 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 Particles >6µm ASTM D7647 >1300 Particles >14µm ASTM D7647 >80 Particles >21µm ASTM D7647 >20 Particles >38µm ASTM D7647 >3 Particles >71µm ASTM D7647 >3 Oil Cleanliness ISO 4406 (c) >/17/13 FLUID DEGRADATION <t< th=""><th></th><th></th><th></th><th>225</th><th></th><th></th><th></th></t<>				225			
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Particles >71μm ASTM D7647 >3 Oil Cleanliness ISO 4406 (c) >/17/13 FLUID DEGRADATION method limit/base current history1 history2							
Oil Cleanliness ISO 4406 (c) >/17/13 FLUID DEGRADATION method limit/base current history1 history2							
FLUID DEGRADATION method limit/base current history1 history2	•						
	Oil Cleanliness		ISO 4406 (c)	>/17/13			
Acid Number (AN) mg KOH/g ASTM D8045 0.29 0.31 0.331	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045		0.29	0.31	0.331

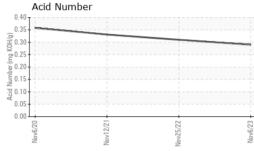
Contact/Location: TONY ALVAREZ - WATPATKC

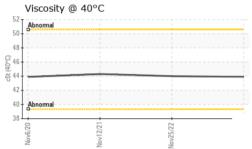


ESSORS

OIL ANALYSIS REPORT

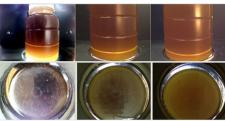






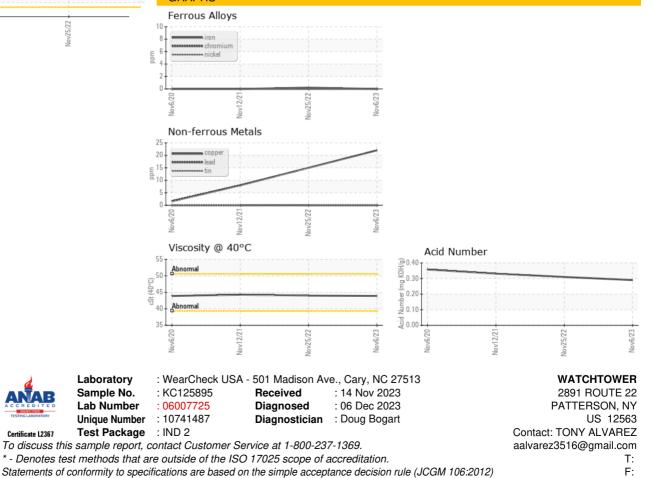
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	🔺 HEAVY	NONE	🔺 HEAVY
Debris	scalar	*Visual	NONE	NONE	🔺 MODER	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	🔺 HAZY	NORML	🔺 HAZY
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	0.2%	▲ 0.2%	0.2%
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPER	FIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		43.9	44.0	44.3
SAMPLE IMAGE	S	method	limit/base	current	history1	history2

Color



Bottom





Contact/Location: TONY ALVAREZ - WATPATKC