

PROBLEM SUMMARY

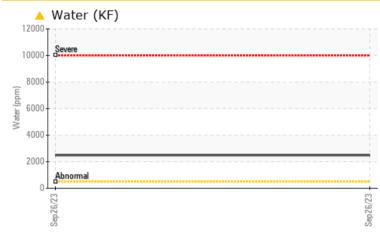
KAESER 4220167 (S/N NOT GIVEN)

Compressor



KAESER SIGMA (OEM) M-460 (--- GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

The filter change at the time of sampling has been noted. We were unable to perform a particle count on 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				ABNORMAL				
Water	%	ASTM D6304	>0.05	6 0.249				
ppm Water	ppm	ASTM D6304	>500	<u> </u>				

Customer Id: NORCIC Sample No.: KCPA006239 Lab Number: 05967059 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 <u>jhester@wearcheckusa.com</u>

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

RECOMMENDE	ED ACTIONS			
Action	Status	Date	Done By	Description
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 Number

Sample Date

Machine Id KAESER 4220167 (S/N NOT GIVEN) Component

Compressor

KAESER SIGMA (OEM) M-460 (--- GAL)

DIAGNOSIS

Recommendation

The filter change at the time of sampling has been noted. We were unable to perform a particle count on 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

All component wear rates are normal.

Contamination

There is a light concentration of water present in the oil.

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 23315 Oil Age hrs Client Info 0 Sample Status Client Info N/A WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >3 0 Nickel ppm ASTM D5185m >2 0 Silver ppm ASTM D5185m >2 0 Aluminum ppm ASTM D5185m >10 0 Capper ppm ASTM D5185m >50 2 Astm D5185m >10 0 Cadmium	Campie Date				20 000 2020		
Oil Changed Client Info N/A Sample Status Imathematical Control ABNORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >50 <1 Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >3 0 Silver ppm ASTM D5185m >2 0 Aluminum ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 0 Lead ppm ASTM D5185m >10 0 Cadmium ppm ASTM D5185m >10 0 AbblitVeS method Iimit/base current history1 history2 <td>Machine Age</td> <td>hrs</td> <td>Client Info</td> <td></td> <th>23315</th> <td></td> <td></td>	Machine Age	hrs	Client Info		23315		
Sample Status Image of the status Method Imit/base current history1 history2 WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >50 <1	Oil Age	hrs	Client Info		0		
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Barium ppm ASTM D5185m 90 0 Molybdenum ppm ASTM D5185m 0 0 Manganese ppm ASTM D5185m 0 0 Magnesium ppm ASTM D5185m 100 51 Calcium ppm ASTM D5185m 0 <1 Calcium ppm ASTM D5185m 0 <1 Phosphorus ppm ASTM D5185m 0 4 Zinc ppm ASTM D5185m 0 26 Sulfur ppm ASTM D5185m 23500 21456 Solicon ppm ASTM D5185m >25 <1 Solium ppm ASTM D5185m >20 2 Vater % ASTM D6304	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 0 0 Manganese ppm ASTM D5185m 0 Magnesium ppm ASTM D5185m 100 51 Calcium ppm ASTM D5185m 0 <1	Boron	ppm	ASTM D5185m	0	0		
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Magnesium ppm ASTM D5185m 100 51 Calcium ppm ASTM D5185m 0 <1	Molybdenum	ppm	ASTM D5185m	0	0		
Calcium ppm ASTM D5185m 0 <1 Phosphorus ppm ASTM D5185m 0 4 Zinc ppm ASTM D5185m 0 26 Sulfur ppm ASTM D5185m 23500 21456 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 <1	Manganese	ppm	ASTM D5185m		0		
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Zinc ppm ASTM D5185m 0 26 Sulfur ppm ASTM D5185m 23500 21456 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 <1	Calcium	ppm	ASTM D5185m	0	<1		
Sulfur ppm ASTM D5185m 23500 21456 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 <1 Sodium ppm ASTM D5185m >20 2 Potassium ppm ASTM D5185m >20 2 Water % ASTM D6304 >0.05 0.2499 ppm Water ppm ASTM D6304 >500 2490	Phosphorus	ppm	ASTM D5185m	0	4		
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Sodium ppm ASTM D5185m 6 Potassium ppm ASTM D5185m >20 2 Water % ASTM D6304 >0.05 ▲ 0.2499 ppm Water ppm ASTM D6304 >500 ▲ 2490	CONTAMINANTS	5	method	limit/base	current	history1	history2
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Water % ASTM D6304 >0.05 ▲ 0.249 ppm Water ppm ASTM D6304 >500 ▲ 2490	Sodium	ppm	ASTM D5185m		6		
ppm Water ppm ASTM D6304 >500 🔺 2490	Potassium	ppm	ASTM D5185m	>20	2		
	Water		ASTM D6304	>0.05	6 0.249		
FLUID DEGRADATION method limit/base current history1 history2	ppm Water	ppm	ASTM D6304	>500	A 2490		
	FLUID DEGRADA		method	limit/base	current	history1	history2

Acid Number (AN) mg KOH/g ASTM D8045 1.0 0.35



OIL ANALYSIS REPORT

method

limit/base

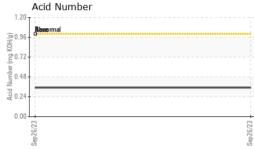
current

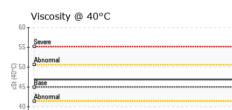
history1

history2

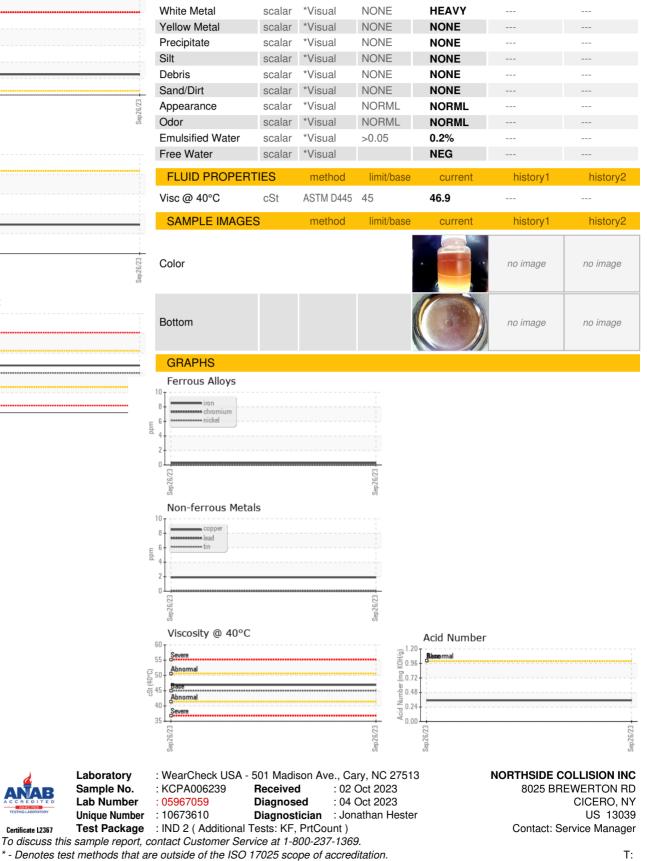
VISUAL







Se 35 Sep26/23



Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Certificate L2367

Laboratory

Sample No.

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