

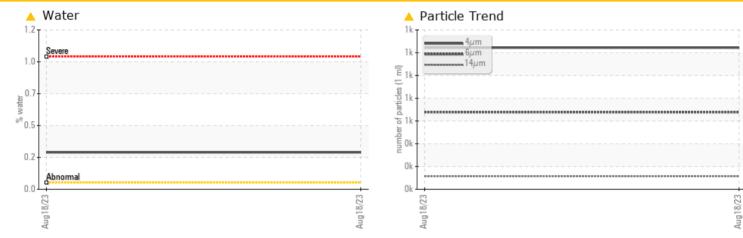
PROBLEM SUMMARY

KAESER 8334763

Compressor Fluid

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

COMPONENT CONDITION SUMMARY



RECOMMENDATION

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

THOBELINATION	LOTINE	.00210			
Sample Status				ABNORMAL	
Water	%	ASTM D6304	>0.05	A 0.278	
ppm Water	ppm	ASTM D6304	>500	<u> </u>	
Particles >14µm		ASTM D7647	>80	🔺 115	
Particles >21µm		ASTM D7647	>20	<mark>/</mark> 39	
Particles >38µm		ASTM D7647	>4	<u> </u>	
Oil Cleanliness		ISO 4406 (c)	>/17/13	🔺 17/17/14	

Customer Id: CHEMTJ Sample No.: KCPA005178 Lab Number: 05934359 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 <u>customerservice@wearcheck.com</u>

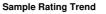


There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT





KAESER 8334763

Component Compressor Fluid KAESER SIGMA (OEM) M-460 (--- GAL)

DIAGNOSIS

Recommendation

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 moderate amount of particulates present in the oil. 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 acceptable for the time in service.

Sample Date Client Info 18 Aug 2023 Vachine Age hrs Client Info 636 Dil Age hrs Client Info 0 Sample Status Client Info N/A WEAR METALS method Imit/base current history1 history2 ron ppm ASTM 05155m >50 <1 Vikel ppm ASTM 05155m >3 0 Vikel ppm ASTM 05155m >3 0 Silver ppm ASTM 05155m >10 0 Cadmium ppm ASTM 05155m 10 0 ADDITIVES method Imit/base current history1 history2 Arandum ppm ASTM 05155m 0 0 <t< th=""><th>SAMPLE INFORM</th><th>IATION</th><th>method</th><th>limit/base</th><th>current</th><th>history1</th><th>history2</th></t<>	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 636 Dil Age hrs Client Info N/A Sample Status Client Info N/A WEAR METALS method limit/base current history1 history2 ron ppm ASTM 05185n >50 <1	Sample Number		Client Info		KCPA005178		
Dil Age hrs Client Info 0 Sample Status Client Info N/A WEAR METALS method limit/base current history1 history2 ron ppm ASTM D5185m >50 <1	Sample Date		Client Info		18 Aug 2023		
Dil Changed Client Info N/A Sample Status Imathetic Info ABNORMAL WEAR METALS method limit/base current history1 history2 ron ppm ASTM D5185m >50 <1	Machine Age	hrs	Client Info		636		
Sample Status method Imit/base current history1 history2 WEAR METALS method Imit/base current history1 history2 ron ppm ASTM D5185m >50 <1	Oil Age	hrs	Client Info		0		
WEAR METALS method limit/base current history1 history2 ron ppm ASTM D5185m >50 <1	Oil Changed		Client Info		N/A		
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Dil Cleanliness ISO 4406 (c) >/17/13 17/17/14 FLUID DEGRADATION method limit/base current history1 history2	Particles >38µm		ASTM D7647	>4	<u> </u>		
Dil Cleanliness ISO 4406 (c) >/17/13 17/17/14 FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>3	1		
· · · · ·	Oil Cleanliness				1 7/17/14		
· · · · ·	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g		1.0	0.30		

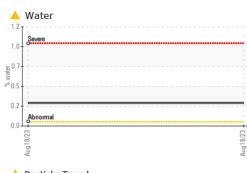


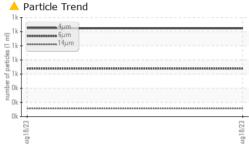
Particle Trend

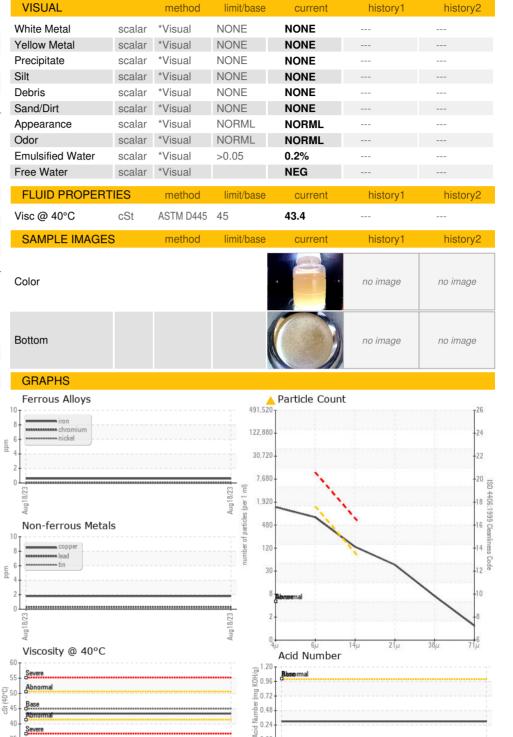
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OIL ANALYSIS REPORT





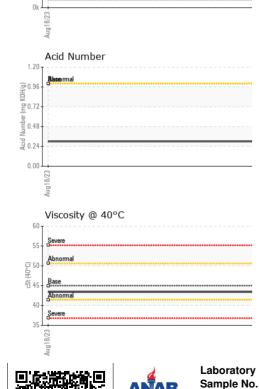


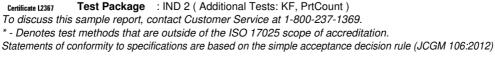
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Aug1

Aug18/23

: 24 Aug 2023 : 30 Aug 2023





Diagnostician : Doug Bogart

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Received

Diagnosed

T: F:

Certificate L2367

35

Lab Number

Unique Number

8/72

Aug 1

: KCPA005178

: 05934359

: 10619630

Contact/Location: Service Manager - CHEMTJ