

PROBLEM SUMMARY

Sample Rating Trend

WEAR

WEAR

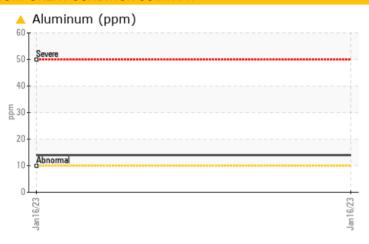
2834447 (S/N 1173)

Component

Compressor

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

COMPONENT CONDITION SUMMARY



RECOMMENDATION

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC T	EST RE	SULTS			
Sample Status				ABNORMAL	
Aluminum	ppm	ASTM D5185m	>10	14	

Customer Id: ARDCOM
Sample No.: KCP54320
Lab Number: 05752146
Test Package: IND 2

To manage this report scan the QR code

To discuss the diagnosis or test data:
Don Baldridge +1
don.b505@comcast.net

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

RECOMMENDE	O ACTIONS			
Action	Status	Date	Done By	Description
Change Fluid			?	Oil and filter change at the time of sampling has been noted.
Change Filter			?	Oil and filter change at the time of sampling has been noted.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend

WEAR

2834447 (S/N 1173)

Compressor

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

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear

The aluminum level is abnormal. All other component wear rates are normal.

Contamination

The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil.

Fluid Condition

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

Sample Number Client Info KCP54320						
SAMPLE INFORMATION method limit/base current history1 history1 Sample Number Client Info 16 Jan 2023		n2023	Ja			
Sample Number Client Info KCP54320 Sample Date Client Info 15 Jan 2023 Machine Age hrs Client Info 120630 Oil Age hrs Client Info 2000 Oil Changed Client Info Changed Sample Status ABNORMAL WEAR METALS method limit/base current history1 hist Iron ppm ASTM D5185m >50 6 Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >3 0 Siliver ppm ASTM D5185m >2 0 Aluminum ppm ASTM D5185m >10 0 Lead ppm ASTM D5185m >10 0 Vanadium p	history1 history2			method	MATION	SAMPLE INFORM
Sample Date Client Info 16 Jan 2023 Machine Age hrs Client Info 120630 Dil Age hrs Client Info 2000 Dil Changed Client Info Changed Sample Status						
Machine Age hrs Client Info 2000						
Dil Age					bro	•
Client Info Changed Client Info Changed Client Info ABNORMAL Client Info ABNORMAL Client Info ABNORMAL Client Info ABNORMAL Client Info Chromium						
MEAR METALS method limit/base current history1 histor					1115	•
WEAR METALS method limit/base current history1 history1 ron ppm ASTM D5185m >50 6 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 Cadd ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m 0 0 Cadmium ppm ASTM D5185m 0 Barium ppm ASTM D5185m 0 <		•		Ciletit IIIIO		-
Port		ADNORWAL				·
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Silver			>50	ASTM D5185m	ppm	ron
Description		0 -	>10	ASTM D5185m	ppm	Chromium
Silver		0 -	>3	ASTM D5185m	ppm	Nickel
Ast Document Doc		0 -	>3	ASTM D5185m	ppm	Γitanium
December December		0 -	>2	ASTM D5185m	ppm	Silver
Description		<u> </u>	>10	ASTM D5185m	ppm	Aluminum
Acada Acad		0 -	>10	ASTM D5185m	ppm	_ead
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Soron Sor		0 -		ASTM D5185m	ppm	Cadmium
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opm Water ppm ASTM D6304 >500 61.4 FLUID CLEANLINESS method limit/base current history1 history1 Particles >4μm ASTM D7647 2541						
Particles >4μm ASTM D7647 2541				ASTM D6304		
	history1 history2	current	limit/base	method	IESS	FLUID CLEANLIN
Particles \(6\tum \) ASTM D7647 \(\) 1300 \(\) 570 \(\)		2541		ASTM D7647		Particles >4µm
TOTAL PLOOD		570 -	>1300	ASTM D7647		Particles >6µm
Particles >14μm ASTM D7647 >80 40		40	>80	ASTM D7647		Particles >14µm
Particles >21μm ASTM D7647 >20 10		10	>20	ASTM D7647		Particles >21µm
Particles >38µm ASTM D7647 >4 0			>4			•
Particles >71µm						
Dil Cleanliness ISO 4406 (c) >/17/13 19/16/12						•
FLUID DEGRADATION method limit/base current history1 history1	history1 history2	current	limit/base	method	TION	FLUID DEGRADA

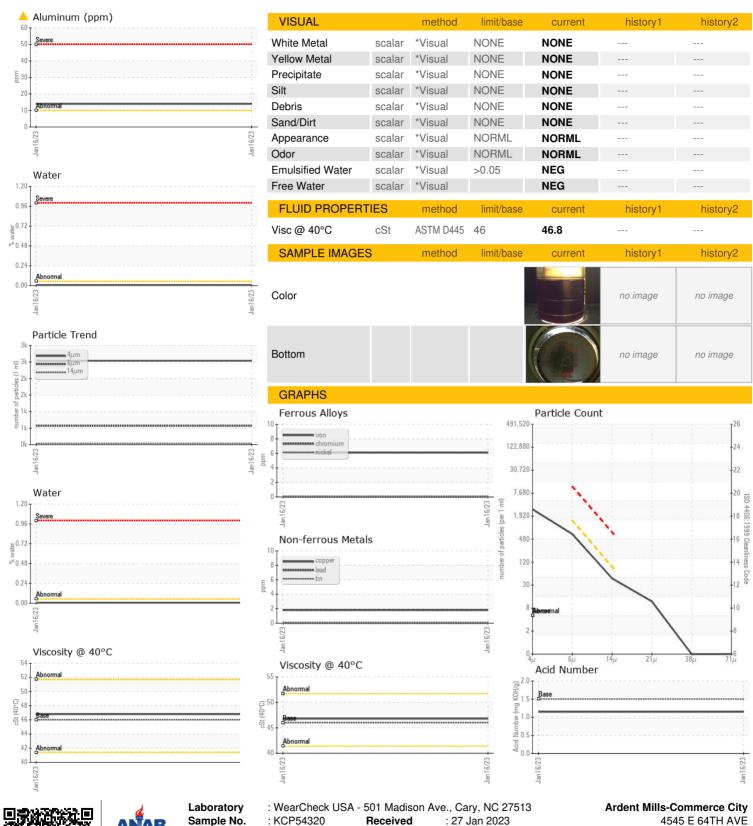
mg KOH/g ASTM D8045 1.5

Acid Number (AN)

1.15



OIL ANALYSIS REPORT





Certificate L2367

Sample No. Lab Number **Unique Number**

: KCP54320 : 05752146 : 10311750

Received Diagnosed

: 30 Jan 2023 Diagnostician : Don Baldridge

Test Package : IND 2 (Additional Tests: KF, PrtCount) 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)

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Contact: HECTOR DIAZ hector.diaz@ardentmills.com

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