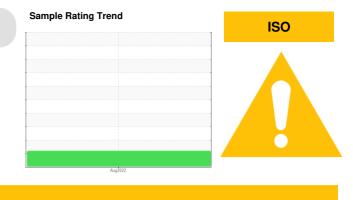


PROBLEM SUMMARY

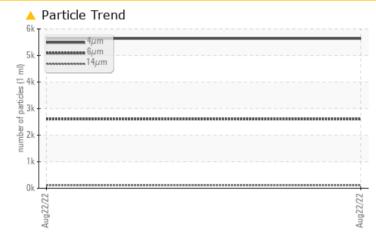
KAESER AIRCENTER SK 15 8003369 (S/N 1087)

Compressor



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

COMPONENT CONDITION SUMMARY



RECOMMENDATION

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

PROBLEMATIC T	EST RESULTS			
Sample Status			ABNORMAL	
Particles >6µm	ASTM D7647	>1300	<u> </u>	
Particles >14µm	ASTM D7647	>80	🔺 114	
Oil Cleanliness	ISO 4406 (c)	>/17/13	<u> </u>	

Customer Id: CARTAY Sample No.: KC27880 Lab Number: 05631677 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	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

KAESER AIRCENTER SK 15 8003369 (S/N 1087)

Compressor Fluid

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

DIAGNOSIS

Recommendation

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

Wear

All component wear rates are normal.

Contamination

There is a high amount of particulates present in the oil.

Fluid Condition

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

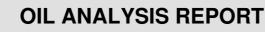
				Aug2022		
SAMPLE INFORM	IATION	method	limit/base	current	history 1	history 2
Sample Number				KC27880		
Sample Date				22 Aug 2022		
Machine Age	hrs			5013		
Oil Age	hrs			5013		
Oil Changed				Changed		
Sample Status				ABNORMAL		
WEAR METALS		method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m	>50	0		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>3	0		
Titanium	ppm	ASTM D5185m	>3	0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>10	<1		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m		18		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m	0	0		
Barium	ppm	ASTM D5185m	90	<1		
Molybdenum	ppm	ASTM D5185m	0	0		
Manganese	ppm	ASTM D5185m		0		
Magnesium	ppm	ASTM D5185m	100	<1		
Calcium	ppm	ASTM D5185m	0	0		
Phosphorus	ppm	ASTM D5185m	0	4		
Zinc	ppm	ASTM D5185m	0	<1		
CONTAMINANTS		method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m	>25	<1		
Sodium	ppm	ASTM D5185m	0	<1		
Potassium	ppm	ASTM D5185m	>20	0		
Water	%	ASTM D6304	>0.05	0.006		
ppm Water	ppm	ASTM D6304	>500	69.5		
FLUID CLEANLIN	ESS	method	limit/base	current	history 1	history 2
Particles >4µm		ASTM D7647		5636		
Particles >6µm		ASTM D7647	>1300	<u> </u>		
Particles >14µm		ASTM D7647	>80	1 14		
Particles >21µm		ASTM D7647	>20	9		
		ASTM D7647	>4	2		
Particles >38µm						
Particles >30µm		ASTM D7647	>3	1		
		ASTM D7647 ISO 4406 (c)	>3 >/17/13	1 2 0/19/14		
Particles >71µm						

Sample Rating Trend

ISO

COMPRESSORS

Built for a lifetime.

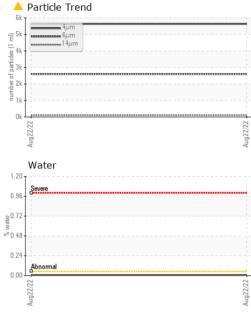


method

limit/base

current

VISUAL



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SAMPLE IMAGE			limit/base	current	history 1 no image no image	no image no image
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BRAPHS Ferrous Alloys			491,520 122,880		no image	no image
CERAPHS			491,520 122,880			T ²
iron iron nickel			491,520 122,880		t	
Non-ferrous Meta lead /iscosity @ 40°C			27222 2 2	Berreemal	14μ 21μ	
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Certificate L2367

Contact/Location: ? ? - CARTAY

history 1

history 2