

PROBLEM SUMMARY

KAESER C-200 (S/N 7600972)

Compressor

KAESER SIGMA (OEM) S-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 TEST RESULTS

Sample Status				ATTENTION	ABNORMAL	NORMAL	
Phosphorus	ppm	ASTM D5185m		<u> </u>	<u> </u>	<1	
Sulfur	ppm	ASTM D5185m		<mark>人</mark> 398	9 77	8639	
Particles >14µm		ASTM D7647	>80	<u> </u>		26	
Particles >21µm		ASTM D7647	>20	4 2		14	
Particles >38µm		ASTM D7647	>4	<u> </u>		3	
Oil Cleanliness		ISO 4406 (c)	>/17/13	 19/17/14		17/14/12	

Customer Id: WESLONWC Sample No.: WC0710519 Lab Number: 05585950 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>

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



05 Aug 2021 Diag: Don Baldridge

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. 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. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type. The AN level is acceptable for this fluid.



view report

28 Aug 2020 Diag: Doug Bogart



R pa le

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

14 May 2020 Diag: Don Baldridge

NORMAL



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





OIL ANALYSIS REPORT

Sample Rating Trend

ADDITIVES

Machine Ic KAESER C-200 (S/N 7600972) Component

Compressor

KAESER SIGMA (OEM) S-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 moderate amount of particulates present in the oil.

Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type. The AN level is acceptable for this fluid.

72)		un2015 Dec20	15 Jun2016 Jan2018 Au	2 ²⁰¹⁹ Mw2019 Sm2019 Mw2020	1 Aug2021	
SAMPLE INFORM	ATION	method	limit/base	current	history 1	history 2
Sample Number		Client Info		WC0710519	WC0613570	WC0448257
Sample Date		Client Info		29 Jun 2022	05 Aug 2021	28 Aug 2020
Machine Age	hrs	Client Info		150876	113073	36428
Oil Age	hrs	Client Info		8000	0	0
Oil Changed		Client Info		Changed	N/A	Not Changd
Sample Status				ATTENTION	ABNORMAL	NORMAL
WEAR METALS		method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m	>50	<1	0	0
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>3	0	0	0
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>2	0	<1	0
Aluminum	ppm	ASTM D5185m	>10	0	0	0
Lead	ppm	ASTM D5185m	>10	0	0	0
Copper	ppm	ASTM D5185m	>50	<1	<1	8
l In	ppm	ASTM D5185m	>10	0	<1	0
Antimony	ppm	ASTM D5105m			0	0
Codmium	ppm	ASTM DE105m		0	0	0
Caumium	ррп	ASTIVI DOTODIII		U	0	0
ADDITIVES		method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m		2	1	7
Barium	ppm	ASTM D5185m	90	4	0	<1
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	90	0	0	0
Calcium	ppm	ASTM D5185m	2	0	0	0
Phosphorus	ppm	ASTM D5185m		4 0	A 205	<1
	ppm	ASTM D5185m		0	0	0
Sulfur	ppm	ASTM DS185m		A 398	977	8639
CONTAMINANTS	5	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m	>25	<1	0	0
Sodium	ppm	ASTM D5185m		<1	0	0
Potassium	ppm	ASTM D5185m	>20	0	0	0
FLUID CLEANLIN	IESS	method	limit/base	current	history 1	history 2
Particles >4µm		ASTM D7647		2794		905
Particles >6µm		ASTM D7647	>1300	830		142

Particles >4µm		ASTM D7647		2794		905
Particles >6µm		ASTM D7647	>1300	830		142
Particles >14µm		ASTM D7647	>80	114		26
Particles >21µm		ASTM D7647	>20	<u> </u>		14
Particles >38µm		ASTM D7647	>4	<u> </u>		3
Particles >71µm		ASTM D7647	>3	0		0
Oil Cleanliness		ISO 4406 (c)	>/17/13	A 19/17/14		17/14/12
FLUID DEGRADAT	TION	method	limit/base	current	history 1	history 2
Acid Number (AN)	ma KOH/a	ASTM D8045	0.4	0.98	0.279	0.489



Water

1.20

OIL ANALYSIS REPORT

method





limit/base

current

NONE

history 1

history 2

NONE



Contact/Location: ROB WALLIN - WESLONWC