

PROBLEM SUMMARY

Sample Rating Trend

ISO

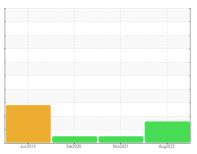
Machine Id

KAESER CSD 75 5571864 (S/N 1220)

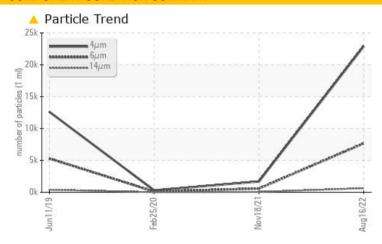
Component

Compressor

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



COMPONENT CONDITION SUMMARY



RECOMMENDATION

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.

PROBLEMATIC TEST RESULTS							
Sample Status			ABNORMAL	NORMAL	NORMAL		
Particles >6µm	ASTM D7647	>1300	^ 7667	577	111		
Particles >14μm	ASTM D7647	>80	629	53	8		
Particles >21µm	ASTM D7647	>20	114	15	2		
Oil Cleanliness	ISO 4406 (c)	>/17/13	22/20/16	16/13	14/10		

Customer Id: HOBOKL Sample No.: KCP50603 Lab Number: 05623905 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

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

18 Nov 2021 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.



25 Feb 2020 Diag: Jonathan Hester

NORMAL



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



11 Jun 2019 Diag: Angela Borella

WATER



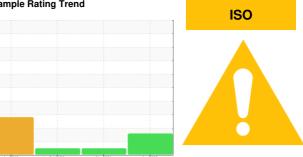
No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a high amount of particulates present in the oil. There is a trace of moisture present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.





OIL ANALYSIS REPORT

Sample Rating Trend



KAESER CSD 75 5571864 (S/N 1220)

Compressor

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

DIAGNOSIS

Recommendation

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.

Wear

All component wear rates are normal.

Contamination

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

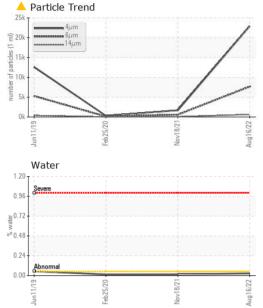
Fluid Condition

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

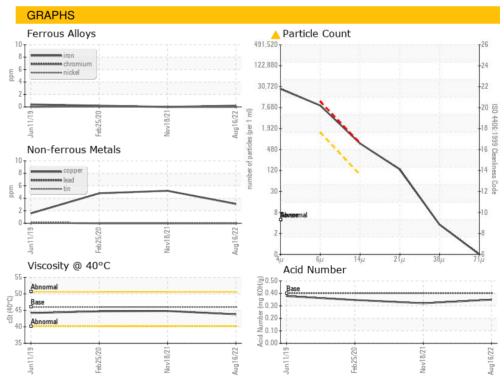
		Jun201	9 Feb2020	Nov2021 As	192022	
SAMPLE INFORM	MATION	method	limit/base	current	history 1	history 2
Sample Number				KCP50603	KCP39798	KCP20623
Sample Date				16 Aug 2022	18 Nov 2021	25 Feb 2020
Machine Age	hrs			26698	23105	15686
Oil Age	hrs			3583	7419	7895
Oil Changed				Not Changd	Changed	Changed
Sample Status				ABNORMAL	NORMAL	NORMAL
WEAR METALS		method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m	>50	<1	0	<1
Chromium	ppm	ASTM D5185m	>10	0	0	<1
Nickel	ppm	ASTM D5185m	>3	0	0	<1
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>10	<1	<1	<1
Lead	ppm	ASTM D5185m	>10	0	0	0
Copper	ppm	ASTM D5185m	>50	3	5	5
Tin	ppm	ASTM D5185m	>10	0	0	0
Antimony	ppm	ASTM D5185m			0	3
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m		0	0	<1
Barium	ppm	ASTM D5185m	90	0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	90	64	39	40
Calcium	ppm	ASTM D5185m	2	0	0	<1
Phosphorus	ppm	ASTM D5185m		6	2	1
Zinc	ppm	ASTM D5185m		22	43	35
Sulfur	ppm	ASTM D5185m		18669	15898	14996
CONTAMINANTS		method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m	>25	0	0	<1
Sodium	ppm	ASTM D5185m		19	25	20
Potassium	ppm	ASTM D5185m	>20	4	4	2
Water	%	ASTM D6304	>0.05	0.026	0.015	0.014
ppm Water	ppm	ASTM D6304	>500	267.0	153.5	145.0
FLUID CLEANLIN	IESS	method	limit/base	current	history 1	history 2
Particles >4µm		ASTM D7647		22905	1698	300
Particles >6µm		ASTM D7647	>1300	^ 7667	577	111
Particles >14μm		ASTM D7647	>80	629	53	8
Particles >21µm		ASTM D7647	>20	<u> </u>	15	2
Particles >38µm		ASTM D7647	>4	3	0	0
Particles >71μm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>/17/13	<u>22/20/16</u>	16/13	14/10
FLUID DEGRADA	TION	method	limit/base	current	history 1	history 2



OIL ANALYSIS REPORT



VISUAL		method	limit/base	current	history 1	history 2
					,	,
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	TES	method	limit/base	current	history 1	history 2
Visc @ 40°C	cSt	ASTM D445	46	43.8	44.8	44.7
SAMPLE IMAGES	3	method	limit/base	current	history 1	history 2
Color						
Bottom						





Laboratory Sample No. Lab Number Unique Number : 10103412

: KCP50603 : 05623905

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

: 22 Aug 2022 : 24 Aug 2022 Diagnostician : Don Baldridge

OKLAHOMA CITY, OK USA 73179 Contact: SERVICE MANAGER

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)

T:

F:

HOBBY LOBBY

7707 SW 44TH ST