

PROBLEM SUMMARY

Sample Rating Trend

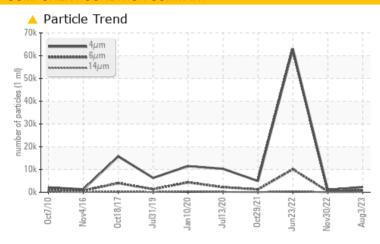
ISO

Machine Id KAESER ASD 30 3727067 (S/N 1535)

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 TE	ST RESULTS				
Sample Status			ATTENTION	NORMAL	ABNORMAL
Particles >14µm	ASTM D7647	>80	<u> </u>	25	410
Particles >21µm	ASTM D7647	>20	28	4	^ 74
Oil Cleanliness	ISO 4406 (c)	>/17/13	18/17/14	17/16/12	23/21/16

Customer Id: UPSPHI Sample No.: KCPA005672 Lab Number: 05931546 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

30 Nov 2022 Diag: Angela Borella

NORMAL



No corrective action is recommended at this time. 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. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



23 Jun 2022 Diag: Don Baldridge

ISO



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



29 Oct 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.





OIL ANALYSIS REPORT

Sample Rating Trend



KAESER ASD 30 3727067 (S/N 1535)

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 moderate 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.

		OctZ010 NovZ	016 Oct2017 Jul2019 Jan2	020 Jul2020 Oct2021 Jun2022 Nov2	022 Aug2023	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA005672	KCP46453	KCP49528
Sample Date		Client Info		03 Aug 2023	30 Nov 2022	23 Jun 2022
Machine Age	hrs	Client Info		80356	78596	76718
Oil Age	hrs	Client Info		0	5243	1739
Oil Changed		Client Info		N/A	N/A	Not Changd
Sample Status				ATTENTION	NORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	0	<1
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	0	0
Aluminum	ppm	ASTM D5185m	>10	0	0	<1
Lead	ppm	ASTM D5185m	>10	0	0	0
Copper	ppm	ASTM D5185m	>50	10	11	7
Tin	ppm	ASTM D5185m	>10	<1	0	0
Antimony	ppm	ASTM D5185m				
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	2
Barium	ppm	ASTM D5185m	90	0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	0	0
Magnesium	ppm	ASTM D5185m	90	<1	0	0
Calcium	ppm	ASTM D5185m	2	<1	0	0
Phosphorus	ppm	ASTM D5185m		2	2	3
Zinc	ppm	ASTM D5185m		0	0	2
Sulfur	ppm	ASTM D5185m		19664	19485	17708
CONTAMINANTS	}	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	0	0
Sodium	ppm	ASTM D5185m		2	<1	<1
Potassium	ppm	ASTM D5185m	>20	<1	0	0
Water	%	ASTM D6304	>0.05	0.006	0.00	0.011
ppm Water	ppm	ASTM D6304	>500	63.3	0.00	113.6
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		2318	1003	62968
Particles >6µm		ASTM D7647	>1300	808	421	<u> </u>
Particles >14μm		ASTM D7647	>80	<u> </u>	25	<u></u> 410
Particles >21µm		ASTM D7647	>20	<u>^</u> 28	4	<u>^</u> 74
		ASTM D7647	>4	1	0	<u> 5</u>
Particles >38µm						
Particles >71µm		ASTM D7647	>3	0	0	0
•			>3 >/17/13		0 17/16/12	0 2 3/21/16

Acid Number (AN)

mg KOH/g ASTM D8045 0.4

0.42 Contact/Location: C BARKLEY - UPSPHI

Report Id: UPSPHI [WUSCAR] 05931546 (Generated: 08/24/2023 11:23:55) Rev: 1

0.46



OIL ANALYSIS REPORT







Certificate L2367

Sample No. Lab Number **Unique Number**

: KCPA005672 : 05931546

: 10616817

Received : 22 Aug 2023 Diagnosed : 24 Aug 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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