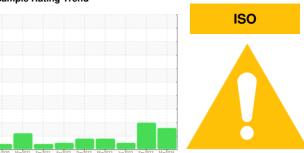


# **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id

# **KAESER AIRCENTER SX 5 7063319 (S/N 1238)**

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.

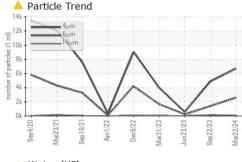
#### **Fluid Condition**

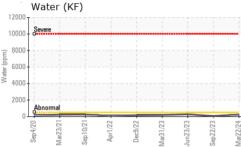
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

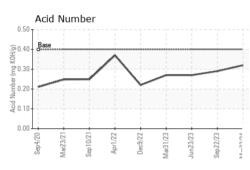
		Sep2020 Ma	r2021 Sep2021 Apr2022	Dec2022 Mar2023 Jun2023 Sep20	23 Mar2024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KC123253	KC125778	KC111149
Sample Date		Client Info		22 Mar 2024	22 Sep 2023	23 Jun 2023
Machine Age	hrs	Client Info		15796	12186	10342
Oil Age	hrs	Client Info		0	0	3279
Oil Changed		Client Info		N/A	N/A	Not Changd
Sample Status				ABNORMAL	ATTENTION	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1	0	0
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m	>3	0	0	0
Titanium	ppm	ASTM D5185m	>3	<1	0	<1
Silver	ppm	ASTM D5185m	>2	<1	0	0
Aluminum	ppm	ASTM D5185m	>10	2	0	<1
Lead	ppm	ASTM D5185m	>10	0	0	0
Copper	ppm	ASTM D5185m	>50	1	2	2
Tin	ppm	ASTM D5185m	>10	<1	0	0
Vanadium	ppm	ASTM D5185m		<1	<1	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m	90	23	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	0	0
Magnesium	ppm	ASTM D5185m	90	63	40	39
Calcium	ppm	ASTM D5185m	2	4	0	0
Phosphorus	ppm	ASTM D5185m		2	2	2
Zinc	ppm	ASTM D5185m		8	0	11
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	<1	0
Sodium	ppm	ASTM D5185m		13	11	11
Potassium	ppm	ASTM D5185m	>20	3	1	<1
Water	%	ASTM D6304	>0.05	0.024	0.006	0.027
ppm Water	ppm	ASTM D6304	>500	245	67.4	275.7
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647		6680	4870	561
Particles >6μm		ASTM D7647		<u>^</u> 2594	1389	231
Particles >14μm		ASTM D7647	>80	<u>^</u> 96	134	22
Particles >21µm		ASTM D7647		<u> </u>	<b>5</b> 0	6
Particles >38µm		ASTM D7647	>4	2	<u> </u>	0
Particles >71μm		ASTM D7647		0	1	0
Oil Cleanliness		ISO 4406 (c)	>17/13	<u> </u>	18/14	15/12
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.32	0.29	0.27

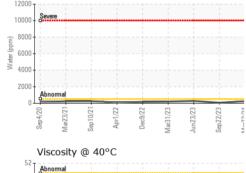


## **OIL ANALYSIS REPORT**

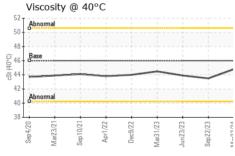


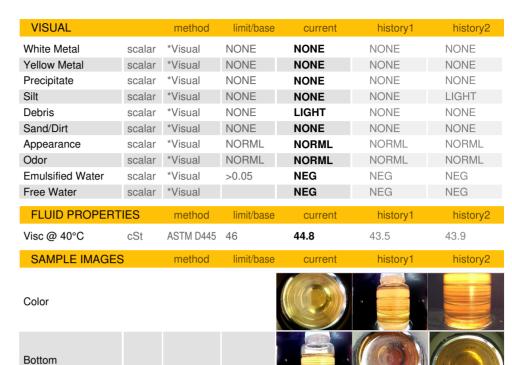


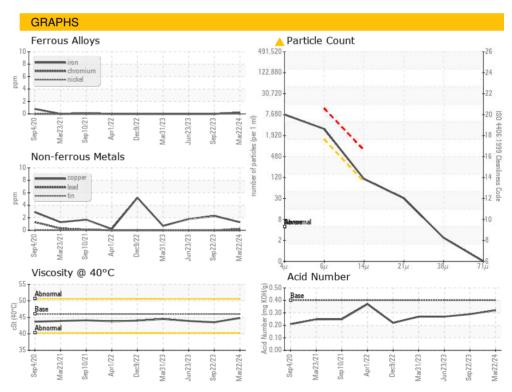




Water (KF)











Certificate 12367

Laboratory Sample No.

: KC123253 Lab Number : 06142294 Unique Number : 10967102

Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 08 Apr 2024 **Tested** : 09 Apr 2024

Diagnosed : 11 Apr 2024 - Don Baldridge **ENDO-THERAPEUTICS INC** 

15251 ROOSEVELT BLVD CLEARWATER, FL US 33760

Contact: Service Manager

To discuss this sample report, contact Customer Service at 1-800-237-1369.

 $^st$  - 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: