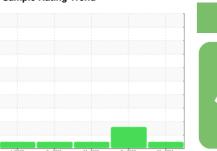


# **OIL ANALYSIS REPORT**

Sample Rating Trend



**NORMAL** 

Machine Id

# KAESER SFC 55 8209161 (S/N 7135)

Component Compressor

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

#### 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 no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

#### **Fluid Condition**

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

		Jul2022	Sep2022	Mar2023 Sep2023	May2024	
SAMPLE INFORM	1ATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KC122184	KC77385	KC103815
Sample Date		Client Info		24 May 2024	11 Sep 2023	23 Mar 2023
Machine Age	hrs	Client Info		9609	5315	3869
Oil Age	hrs	Client Info		0	1446	3869
Oil Changed		Client Info		N/A	Not Changd	Changed
Sample Status				NORMAL	ABNORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	<1	0
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>3	0	0	0
Titanium	ppm	ASTM D5185m	>3	0	<1	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	6	4	3
Tin	ppm	ASTM D5185m	>10	0	0	0
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	0
Barium	ppm	ASTM D5185m	90	0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		0	<1	0
Magnesium	ppm	ASTM D5185m	90	1	19	2
Calcium	ppm	ASTM D5185m	2	0	0	0
Phosphorus	ppm	ASTM D5185m		0	4	2
Zinc	ppm	ASTM D5185m		0	13	11
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	<1	1
Sodium	ppm	ASTM D5185m		2	10	1
Potassium	ppm	ASTM D5185m	>20	<1	4	<1
Water	%	ASTM D6304	>0.05	0.007	△ 0.114	0.012
ppm Water	ppm	ASTM D6304	>500	79	<u> 1140</u>	126.3
FLUID CLEANLIN	ESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		798		513
Particles >6µm		ASTM D7647	>1300	336		114
Particles >14µm		ASTM D7647	>80	29		10
Particles >21µm		ASTM D7647	>20	4		2
Particles >38µm		ASTM D7647	>4	0		0
Particles >71µm		ASTM D7647	>3	0		0
Oil Cleanliness		ISO 4406 (c)	>/17/13	17/16/12		16/14/10
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	1/01//					

0.42

Acid Number (AN)

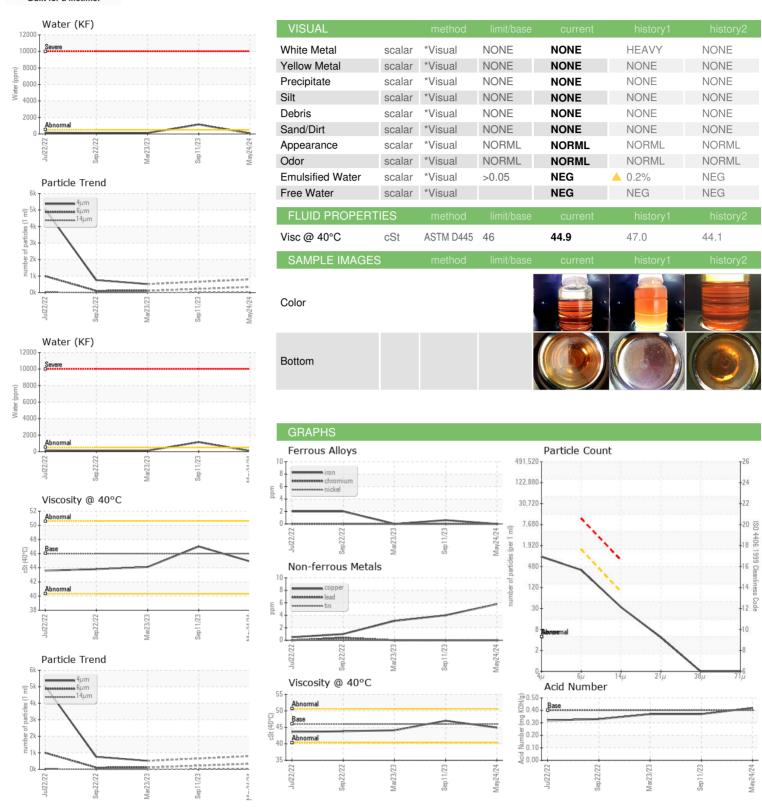
mg KOH/g ASTM D8045 0.4

0.37

0.37



## **OIL ANALYSIS REPORT**







Certificate 12367

Laboratory Sample No. Lab Number

: KC122184 : 06219710 Unique Number : 11097907 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 25 Jun 2024

**Tested** : 26 Jun 2024 Diagnosed

: 26 Jun 2024 - Doug Bogart

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)

F: Contact/Location: ? ? - AIRALLKC

AIR PRODUCTS AND CHEMICALS INC - ALLENTOWN

7201 W HAMILTON BLVD

ALLENTOWN, PA

US 18195

Contact:

T: