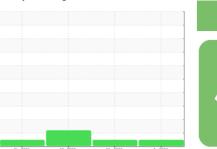


# **OIL ANALYSIS REPORT**

Sample Rating Trend



**NORMAL** 

Machine Id

# KAESER 81210675 (S/N 5101421)

Component Compressor

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

### Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

### Contamination

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

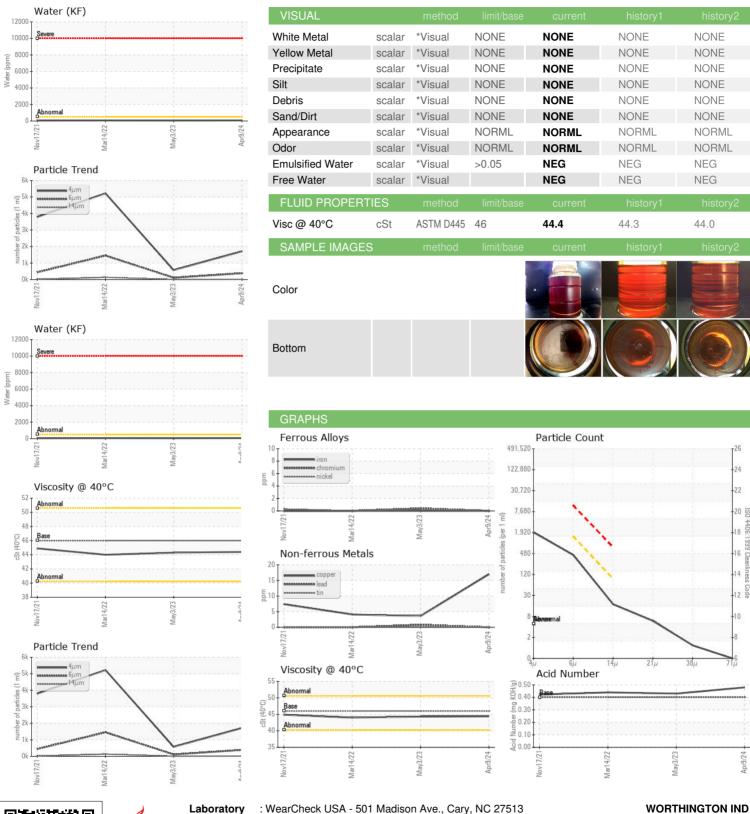
### **Fluid Condition**

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

		Nov202	1 Mar2022	May2023 /	Apr2024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KC125801	KC107698	KC96178
Sample Date		Client Info		09 Apr 2024	03 May 2023	14 Mar 2022
Machine Age	hrs	Client Info		69630	61693	54094
Oil Age	hrs	Client Info		0	7599	578
Oil Changed		Client Info		N/A	Changed	Changed
Sample Status				NORMAL	NORMAL	ATTENTION
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	0	0
Chromium	ppm	ASTM D5185m	>10	0	<1	0
Nickel	ppm	ASTM D5185m	>3	0	<1	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m	>2	0	0	<1
Aluminum	ppm	ASTM D5185m		0	<1	<1
Lead	ppm	ASTM D5185m	>10	0	<1	0
Copper	ppm	ASTM D5185m		17	4	4
Tin	ppm	ASTM D5185m	>10	0	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	<1	0	23
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	<1	0
Magnesium	ppm	ASTM D5185m	90	<1	2	27
Calcium	ppm	ASTM D5185m	2	1	0	0
Phosphorus	ppm	ASTM D5185m		7	0	0
Zinc	ppm	ASTM D5185m		1	0	0
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0	1	<1
Sodium	ppm	ASTM D5185m		1	1	5
Potassium	ppm	ASTM D5185m	>20	0	2	<1
Water	%	ASTM D6304	>0.05	0.006	0.005	0.006
ppm Water	ppm	ASTM D6304	>500	67	51.1	61.9
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4μm		ASTM D7647		1710	572	5223
Particles >6μm		ASTM D7647	>1300	384	113	1452
Particles >14μm		ASTM D7647	>80	15	7	129
Particles >21μm		ASTM D7647	>20	5	4	31
Particles >38μm		ASTM D7647	>4	1	0	2
Particles >71μm		ASTM D7647		0	0	0
Oil Cleanliness		ISO 4406 (c)	>/17/13	18/16/11	16/14/10	18/14
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.48	0.43	0.44



## **OIL ANALYSIS REPORT**







Certificate 12367

Sample No. Lab Number

Laboratory : KC125801 : 06148718 Unique Number : 10978796 Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 15 Apr 2024 **Tested** : 16 Apr 2024

Diagnosed

: 16 Apr 2024 - Doug Bogart

US 44105

4600 HEIDTMAN PKWY

CLEVELAND, OH

Contact: Service Manager

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)

Report Id: WORCLEOH [WUSCAR] 06148718 (Generated: 04/16/2024 16:18:39) Rev: 1

Contact/Location: Service Manager - WORCLEOH

T:

F: