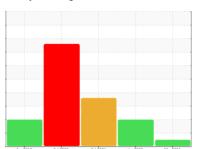


# **OIL ANALYSIS REPORT**

Sample Rating Trend



**NORMAL** 

Machine Id

# KAESER AS 25 4082749 (S/N 1742)

Compressor

KAESER SIGMA (OEM) M-460 (--- QTS)

### 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.

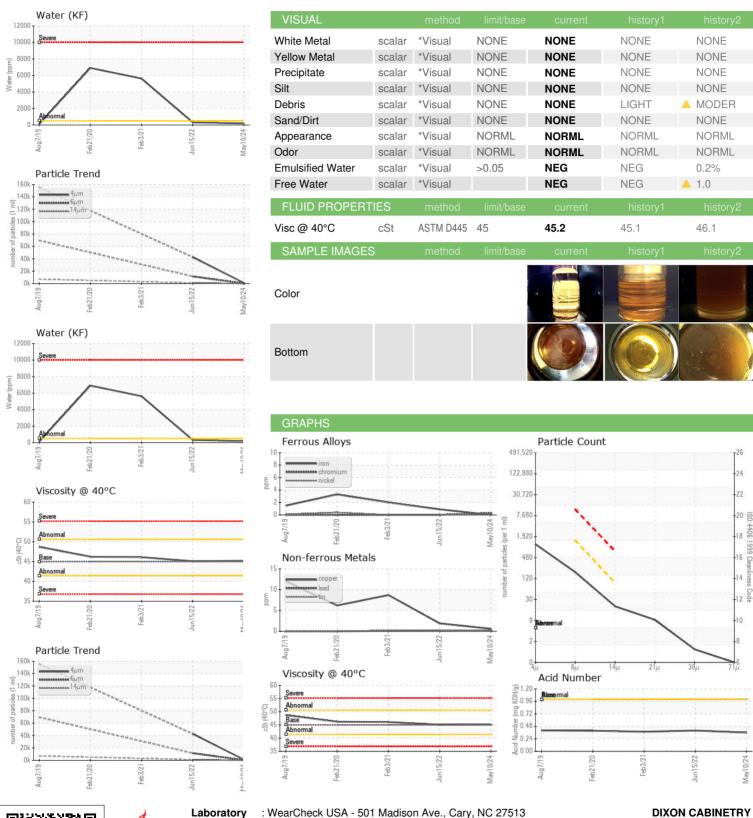
### **Fluid Condition**

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

		Aug2019	Feb 2020	Feb 2021 Jun 2022	May2024	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA017759	KCP40447	KCP27640
Sample Date		Client Info		10 May 2024	15 Jun 2022	03 Feb 2021
Machine Age	hrs	Client Info		11581	11457	11355
Oil Age	hrs	Client Info		3000	100	2000
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	ABNORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	<1	2
Chromium	ppm	ASTM D5185m	>10	<1	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	<1
Aluminum	ppm	ASTM D5185m	>10	3	<1	2
Lead	ppm	ASTM D5185m	>10	<1	<1	<1
Copper	ppm	ASTM D5185m	>50	<1	2	9
Tin	ppm	ASTM D5185m	>10	<1	0	<1
Antimony	ppm	ASTM D5185m				0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES	PP		limit/base	-	history1	
Boron	D 10 100	method ASTM D5185m	0	current 0	nistory i	history2
Barium	ppm	ASTM D5185m	90	42	14	1
	ppm					0
Molybdenum	ppm	ASTM D5185m	0	0	<1 <1	<1
Manganese	ppm	ASTM D5185m	100	0		
Magnesium	ppm	ASTM D5185m	100	78	64	17
Calcium	ppm	ASTM D5185m	0	0	0	2
Phosphorus	ppm	ASTM D5185m	0	0	6	8
Zinc	ppm	ASTM D5185m	0	8	14	10
Sulfur	ppm	ASTM D5185m	23500	23511	18245	18384
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	<1	2
Sodium	ppm	ASTM D5185m		10	8	<1
Potassium	ppm	ASTM D5185m	>20	3	2	<1
Water	%	ASTM D6304	>0.05	0.019	0.031	<u> </u>
ppm Water	ppm	ASTM D6304	>500	190	313.8	▲ 5620
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		1014	42662	
Particles >6µm		ASTM D7647	>1300	161	<u>11496</u>	
Particles >14µm		ASTM D7647	>80	17	<u> </u>	
Particles >21µm		ASTM D7647	>20	7	<u>4</u> 245	
Particles >38µm		ASTM D7647	>4	1	<u>^</u> 20	
Particles >71µm		ASTM D7647	>3	0	2	
Oil Cleanliness		ISO 4406 (c)	>/17/13	17/15/11	<u>\$\text{23/21/17}\$</u>	
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2



## **OIL ANALYSIS REPORT**







Certificate 12367

Sample No. Lab Number

: 06199169 Unique Number : 11061292

: KCPA017759

Received : 04 Jun 2024 **Tested** : 05 Jun 2024 Diagnosed : 06 Jun 2024 - 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)

F: Contact/Location: Service Manager - DIXKER

US 27284

T:

129 FURLONG IND DR

Contact: Service Manager

KERNERSVILLE, NC