

# **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id

# 4655821 (S/N 1051)

Component Compressor

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

### Recommendation

Resample at the next service interval to monitor.

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.

				Mar2024		
SAMPLE INFORM	/ATION	method	limit/base	current	history1	history2
	717 (1101)		mmobase			
Sample Number		Client Info		KCPA013784		
Sample Date	hrs	Client Info		21 Mar 2024 2181		
Machine Age Oil Age	hrs	Client Info		1192		
Oil Changed	IIIS	Client Info		Changed		
		Ciletit IIIIO		NORMAL		
Sample Status				NONWAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	<1		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>3	0		
Titanium	ppm	ASTM D5185m	>3	<1		
Silver	ppm	ASTM D5185m	>2	<1		
Aluminum	ppm	ASTM D5185m	>10	2		
Lead	ppm	ASTM D5185m	>10	<1		
Copper	ppm	ASTM D5185m	>50	3		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0		
Barium	ppm	ASTM D5185m	90	3		
Molybdenum	ppm	ASTM D5185m	0	0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	100	34		
Calcium	ppm	ASTM D5185m	0	4		
Phosphorus	ppm	ASTM D5185m	0	<1		
Zinc	ppm	ASTM D5185m	0	45		
Sulfur	ppm	ASTM D5185m	23500	22047		
CONTAMINANTS	;	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	0		
Sodium	ppm	ASTM D5185m		14		
Potassium	ppm	ASTM D5185m	>20	4		
Water	%	ASTM D6304	>0.05	0.007		
ppm Water	ppm	ASTM D6304	>500	74		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		3251		
Particles >6µm		ASTM D7647	>1300	1055		
Particles >14µm		ASTM D7647	>80	45		
Particles >21µm		ASTM D7647	>20	8		
Particles >38µm		ASTM D7647	>4	1		
Particles >71µm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>/17/13	19/17/13		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
A si al Niversia au (ANI)	I/OLI/-	ACTM DOOM	1.0	0.20		

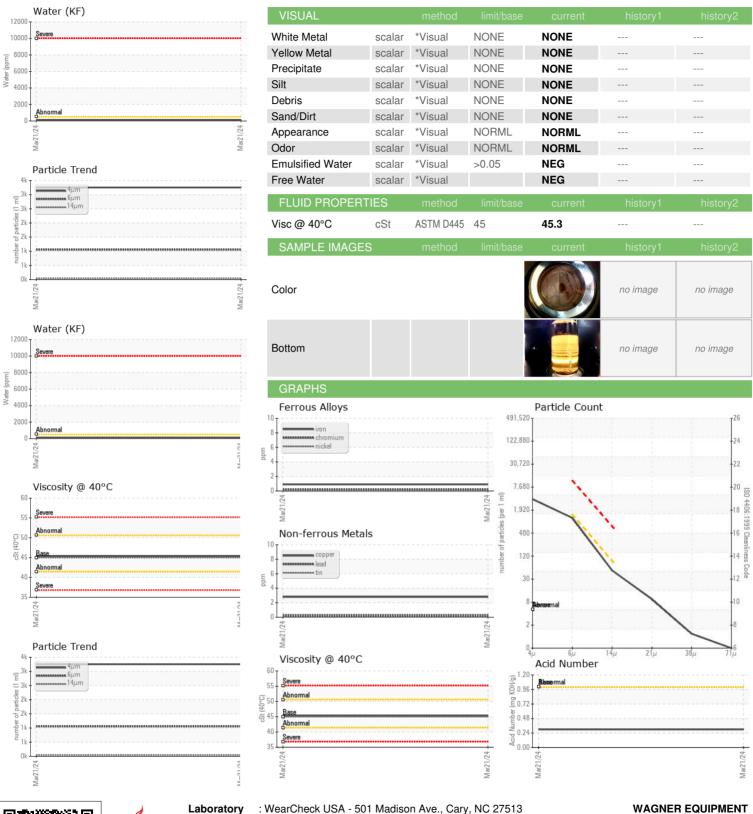
Acid Number (AN)

mg KOH/g ASTM D8045 1.0

0.30



## **OIL ANALYSIS REPORT**





Certificate 12367

Laboratory Sample No.

: KCPA013784 Lab Number : 06142279 Unique Number : 10967087

Received : 08 Apr 2024 **Tested** Diagnosed Test Package : IND 2 ( Additional Tests: KF, PrtCount )

: 11 Apr 2024 : 11 Apr 2024 - Don Baldridge

US 81008 Contact: GILTER BRUM gilter.brum@wagnerequipment.com

2225 N INTERSTATE 25

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: WAGPUE [WUSCAR] 06142279 (Generated: 04/12/2024 08:04:30) Rev: 1

T:

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PUEBLO, CO