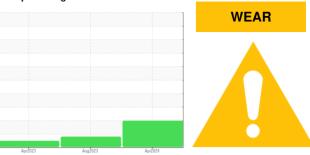


# **OIL ANALYSIS REPORT**

Sample Rating Trend



Machine Id

# **KAESER 7793018**

Component Compressor

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

### **DIAGNOSIS**

#### Recommendation

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

### Wear

The aluminum level has decreased, but is still abnormal. All other component wear rates are normal.

#### Contamination

There is a moderate amount of particulates present in the oil.

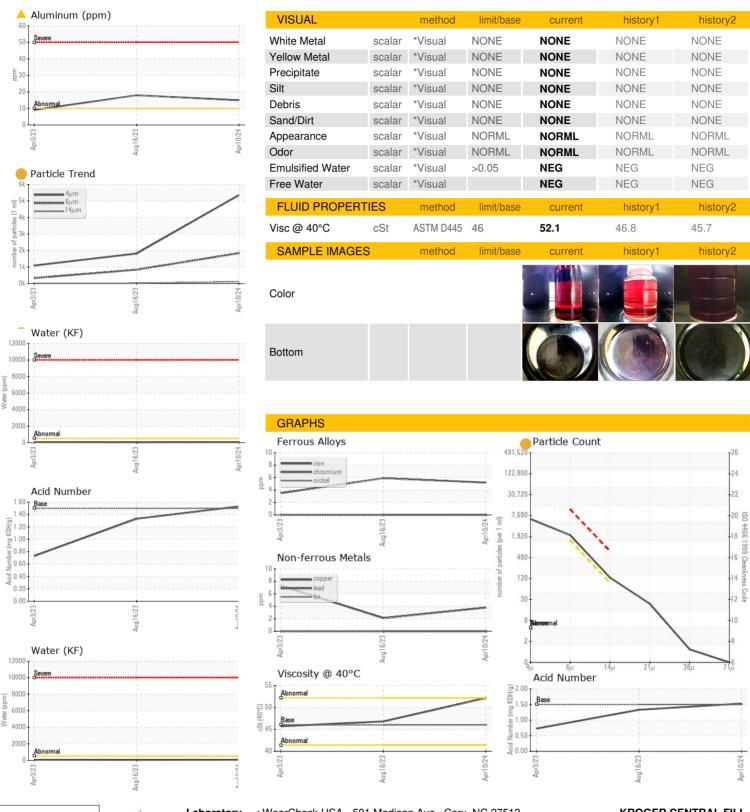
### **Fluid Condition**

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

		Api	Ź023	Aug2023 Apr202	.4	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA016815	KCPA006752	KCP53590
Sample Date		Client Info		10 Apr 2024	16 Aug 2023	03 Apr 2023
Machine Age	hrs	Client Info		8176	5201	3056
Oil Age	hrs	Client Info		2887	0	3055
Oil Changed		Client Info		Changed	N/A	Changed
Sample Status				ABNORMAL	ABNORMAL	NORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	5	6	4
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>3	0	0	0
Titanium	ppm	ASTM D5185m	>3	<1	<1	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>10	<u> </u>	<u>18</u>	9
Lead	ppm	ASTM D5185m	>10	0	0	0
Copper	ppm	ASTM D5185m	>50	4	2	7
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		<1	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		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		<1	1	2
Calcium	ppm	ASTM D5185m		0	0	0
Phosphorus	ppm	ASTM D5185m	500	432	457	260
Zinc	ppm	ASTM D5185m		151	115	89
Sulfur	ppm	ASTM D5185m		2058	2699	7935
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	4	<1	0
Sodium	ppm	ASTM D5185m		0	1	<1
Potassium	ppm	ASTM D5185m	>20	0	0	0
Water	%	ASTM D6304	>0.05	0.006	0.004	0.006
ppm Water	ppm	ASTM D6304	>500	65	47.2	68.0
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		5354	1817	1093
Particles >6µm		ASTM D7647	>1300	<u> </u>	836	328
Particles >14µm		ASTM D7647	>80	112	18	13
Particles >21µm		ASTM D7647	>20	20	3	3
Particles >38µm		ASTM D7647	>4	1	0	0
Particles >71µm		ASTM D7647	>3	0	0	0
Oil Cleanliness		ISO 4406 (c)	>/17/13	<b>20/18/14</b>	18/17/11	17/16/11
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	1.5	1.53	1.33	0.73



## **OIL ANALYSIS REPORT**







Certificate 12367

Laboratory Sample No.

Lab Number

: KCPA016815 : 06155949 Unique Number : 10991372

Test Package : IND 2 ( Additional Tests: KF, PrtCount )

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 22 Apr 2024 **Tested** : 23 Apr 2024

Diagnosed : 24 Apr 2024 - Don Baldridge

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)

**KROGER CENTRAL FILL** 

301 LOGISTICS AVE JEFFERSONVILLE, IN US 47130

Contact: REBECCA WILLIAMSON rebecca.williamson@kroger.com

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