

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

KAESER 8838127 (S/N 1344)

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

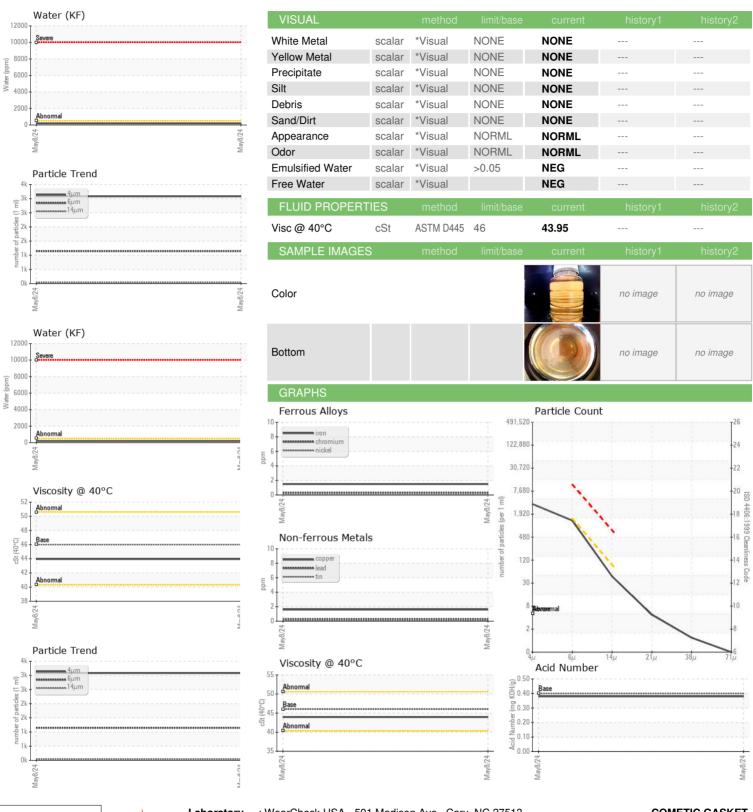
Fluid Condition

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

		L		May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
	W (1101 4		mmbasc			motoryz
Sample Number		Client Info		KC112404 08 May 2024		
Sample Date Machine Age	hrs	Client Info		1206		
Oil Age	hrs	Client Info		1206		
Oil Changed	1115	Client Info		Not Changd		
Sample Status		Ciletit IIIIO		NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	2		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>3	0		
Titanium	ppm	ASTM D5185m	>3	<1		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>10	2		
Lead	ppm	ASTM D5185m	>10	<1		
Copper	ppm	ASTM D5185m	>50	2		
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		
Barium	ppm	ASTM D5185m	90	32		
Molybdenum	ppm	ASTM D5185m		<1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	90	75		
Calcium	ppm	ASTM D5185m	2	14		
Phosphorus	ppm	ASTM D5185m		7		
Zinc	ppm	ASTM D5185m		10		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	3		
Sodium	ppm	ASTM D5185m		11		
Potassium	ppm	ASTM D5185m	>20	6		
Water	%	ASTM D6304	>0.05	0.019		
ppm Water	ppm	ASTM D6304	>500	196		
FLUID CLEANLIN	IESS _	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		3079		
Particles >6µm		ASTM D7647	>1300	1145		
Particles >14μm		ASTM D7647	>80	40		
Particles >21µm		ASTM D7647	>20	4		
Particles >38μm		ASTM D7647	>4	1		
Particles >71μm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>/17/13	19/17/12		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.38		



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Certificate 12367

Laboratory Sample No.

: KC112404 Lab Number : 06175469 Unique Number : 11021522

Test Package : IND 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 10 May 2024 **Tested** : 16 May 2024

Diagnosed : 16 May 2024 - Jonathan Hester

COMETIC GASKET 8090 AUBURN RD PAINESVILLE, OH US 44077 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)

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