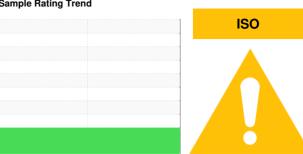


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

KAESER BSD 40 7978274 (S/N 1017)

Component Compressor

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

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

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

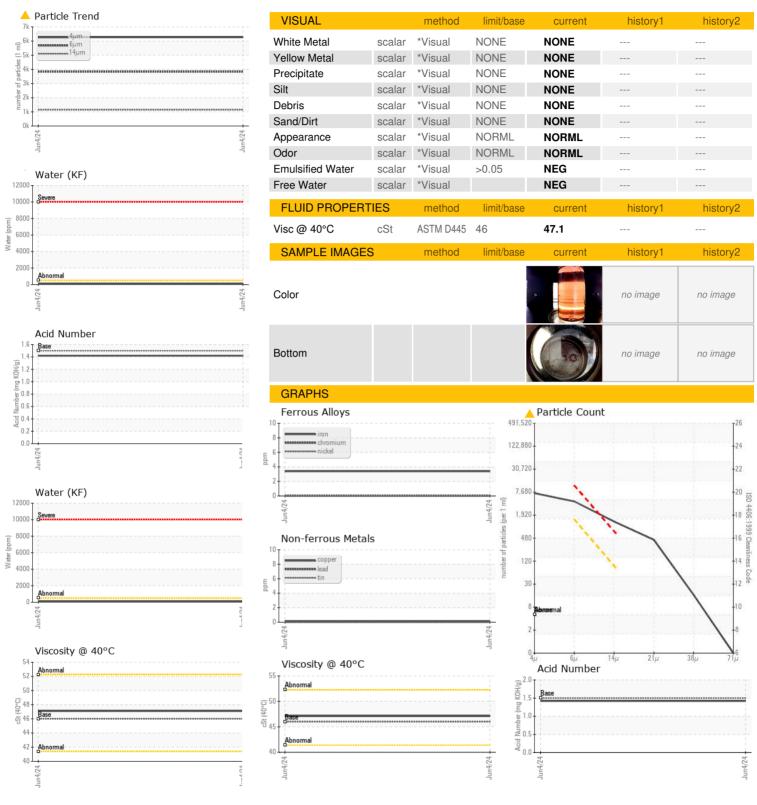
Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

				Jun2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KCPA018599		
Sample Date		Client Info		04 Jun 2024		
Machine Age	hrs	Client Info		2245		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				ABNORMAL		
·						
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	3		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>3	0		
Titanium	ppm	ASTM D5185m	>3	0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>10	<1		
Lead	ppm	ASTM D5185m	>10	0		
Copper	ppm	ASTM D5185m	>50	<1		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
	le le		11 11 11			
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		2		
Calcium	ppm	ASTM D5185m		0		
Phosphorus	ppm	ASTM D5185m	500	423		
Zinc	ppm	ASTM D5185m		54		
Sulfur	ppm	ASTM D5185m		2637		
CONTAMINANTS	}	method	limit/base	current	history1	history2
Silicon	nnm	ASTM D5185m	>25	<1		
Sodium	ppm	ASTM D5185m	>25	1		
Potassium		ASTM D5185m	>20	0		
	ppm					
Water ppm Water	%	ASTM D6304 ASTM D6304	>0.05 >500	0.008 89		
ppm water	ppm	ASTIVI D0304	>5000	09		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647		6265		
Particles >6µm		ASTM D7647	>1300	<u>▲</u> 3831		
Particles >14µm		ASTM D7647	>80	1146		
Particles >21µm		ASTM D7647	>20	△ 382		
Particles >38µm		ASTM D7647	>4	1 4		
Particles >71μm		ASTM D7647	>3	0		
Oil Cleanliness		ISO 4406 (c)	>/17/13	<u>^</u> 20/19/17		
FLUID DEGRADA	ATION	method	limit/base	Olymont	historyd	hiotory
				current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	1.5	1.42		



OIL ANALYSIS REPORT





Certificate 12367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : KCPA018599 Lab Number : 06207097

Unique Number : 11074558

Received : 11 Jun 2024 **Tested** Diagnosed

: 13 Jun 2024

: 13 Jun 2024 - Angela Borella Test Package : IND 2 (Additional Tests: KF, PrtCount)

MODESTO, CA US 95351 Contact: LEONARD L. leonardl@vbcbottling.com

400 HOSMER AVE.

SEVEN UP - VARNI BROTHERS CORP

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)

T:

F: