

OIL ANALYSIS REPORT

Sample Rating Trend

VIS DEBRIS



KAESER 6784967

Component

Compressor

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

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.

Wear

All component wear rates are normal.

Contamination

Moderate concentration of visible dirt/debris present in the oil.

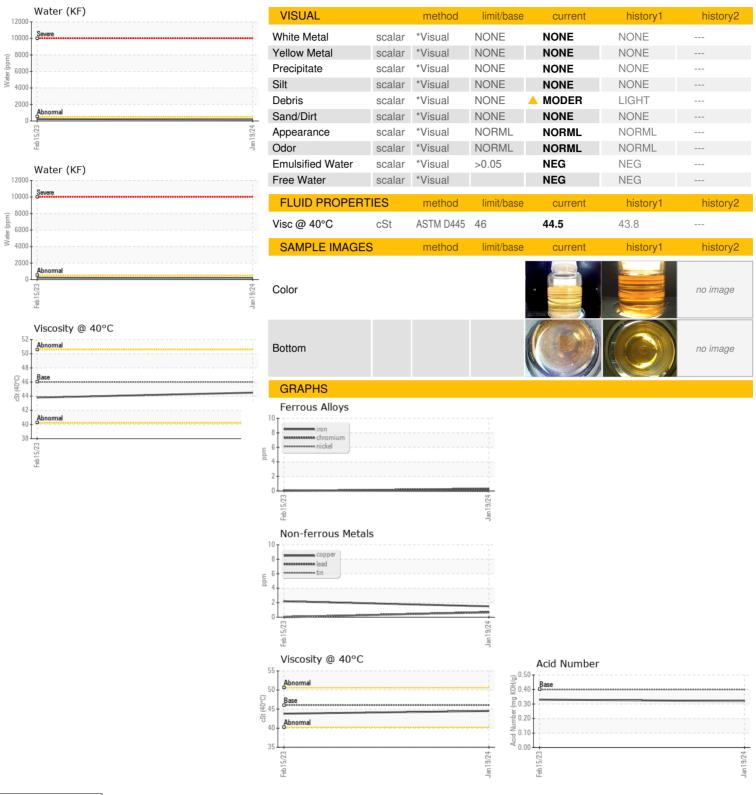
Fluid Condition

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

Sample Number Client Info Info				Feb 2023	Jan 2024		
Sample Date Client Info 19 Jan 2024 15 Feb 2023 Machine Age hrs Client Info 0 17223 14664	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 17223 14664 Oil Age hrs Client Info 0 5584 Oil Changed Client Info N/A Changed Sample Status method limit/base current history1 history1 WEAR METALS method limit/base current history1 history1 Iron ppm ASTM DS185m >50 0 <1	Sample Number		Client Info		KCPA007024	KC94555	
Oil Age hrs Client Info N/A 5584 Oil Changed Client Info N/A Changed Sample Status method limit/base current history1 history1 WEAR METALS method limit/base current history1 history1 Iron ppm ASTM D5185m >50 0 <1 Chromium ppm ASTM D5185m >30 0 0 Nickel ppm ASTM D5185m >3 0 0 Silver ppm ASTM D5185m >3 •1 0 Aluminum ppm ASTM D5185m >10 •1 0 Aluminum ppm ASTM D5185m >50 2 2 Lead ppm ASTM D5185m >50 2 2 2 Copper ppm ASTM D5185m 0 0 0	Sample Date		Client Info		19 Jan 2024	15 Feb 2023	
Oil Changed Sample Status Client Info N/A Changed WEAR METALS method limit/base current history1 history1 Iron ppm ASTM D5185m >50 0 <1	Machine Age	hrs	Client Info		17223	14664	
WEAR METALS method limit/base current history1 history1 Iron ppm ASTM D5185m >50 0 <1	Oil Age	hrs	Client Info		0	5584	
WEAR METALS method limit/base current history1 history1 Iron ppm ASTM D5185m >50 0 <1	Oil Changed		Client Info		N/A	Changed	
Iron	Sample Status				ABNORMAL	ATTENTION	
Chromium ppm ASTM D5185m >10 <1	WEAR METALS		method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185m	>50	0	<1	
Titanium	Chromium	ppm	ASTM D5185m	>10	<1	0	
Silver ppm ASTM D5185m >2 0 0	Nickel	ppm	ASTM D5185m	>3	0	0	
Aluminum ppm ASTM D5185m >10 2 2 Lead ppm ASTM D5185m >10 <1	Titanium	ppm	ASTM D5185m	>3	<1	0	
Lead ppm ASTM D5185m >10 <1	Silver	ppm	ASTM D5185m	>2	0	0	
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Copper ppm ASTM D5185m >50 2 2 Tin ppm ASTM D5185m >10 <1	Lead		ASTM D5185m	>10	<1	0	
Tin	Copper		ASTM D5185m	>50	2	2	
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•				>/17/13		1 21/18/14	
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() 0	Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.32	0.33	



OIL ANALYSIS REPORT







Laboratory Sample No. Lab Number **Unique Number**

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : KCPA007024 : 06074767

: 10856858

Recieved Diagnosed

: 31 Jan 2024 Diagnostician : Doug Bogart

: 30 Jan 2024

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)

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Contact: Service Manager

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