

PROBLEM SUMMARY

Machine Id **5641644 (S/N 1252)**

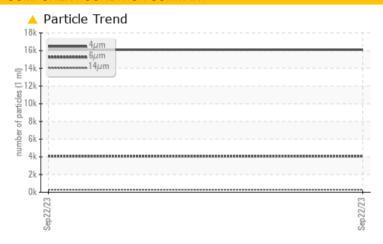
Component

Compressor

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

Sample Rating Trend ISO

COMPONENT CONDITION SUMMARY



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.

PROBLEMATIC TEST RESULTS									
Sample Status			ABNORMAL						
Particles >6µm	ASTM D7647	>1300	4075						
Particles >14µm	ASTM D7647	>80	287						
Particles >21µm	ASTM D7647	>20	4 85						
Oil Cleanliness	ISO 4406 (c)	>/17/13	A 21/19/15						

Customer Id: FRAMIDWI Sample No.: KCPA003851 Lab Number: 05967100 Test Package: IND 2

To manage this report scan the QR code

To discuss the diagnosis or test data:

Don Baldridge +1 don.b505@comcast.net

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

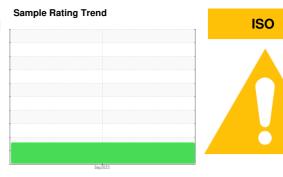


OIL ANALYSIS REPORT

5641644 (S/N 1252)

Compressor

KAESER SIGMA (OEM) M-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.

Wear

All component wear rates are normal.

Contamination

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

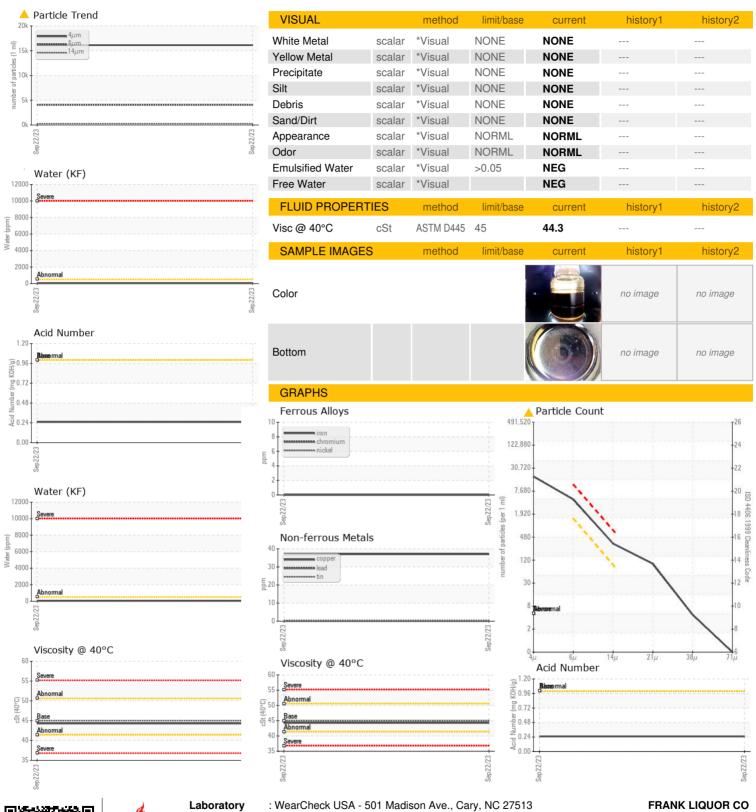
Fluid Condition

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

SAMPLE INFORMATION method limit/base current history1 history2 Sample Date Client Info 22 Sep 2023 Machine Age hrs Client Info 16603 Oil Age hrs Client Info 0 Oil Changed Client Info N/A Sample Status method limit/base ourrent history1 history2 Iron ppm ASTM 05185m >50 0 Chromitium ppm ASTM 05185m >10 0 Nickel ppm ASTM 05185m >2 0 Silver ppm ASTM 05185m >2 0 Lead ppm ASTM 05185m >10 0 Capper ppm ASTM 05185m >10 0 Vanad					Sep2023		
Sample Date	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 16603 Oil Age hrs Client Info 0 Oil Changed Client Info N/A Sample Status MBNORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >50 0 Chromium ppm ASTM D5185m >50 0 Nickel ppm ASTM D5185m >3 0 Silver ppm ASTM D5185m >3 0 Aluminum ppm ASTM D5185m >10 0 Capper ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m 0 0 Cadmium<	Sample Number		Client Info		KCPA003851		
Oil Age hrs Client Info N/A Sample Status Client Info N/A WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >50 0 Chromium ppm ASTM D5185m >30 0 Nickel ppm ASTM D5185m >30 0 Silver ppm ASTM D5185m >30 Aluminum ppm ASTM D5185m >10 0 Copper ppm ASTM D5185m >10 0 Tin ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m 0 0 ADDITIVES method limit/base current history1 history2	Sample Date		Client Info		22 Sep 2023		
Oil Changed Sample Status Client Info N/A	Machine Age	hrs	Client Info		16603		
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >50 0 Chromium ppm ASTM D5185m >10 0 Nickel ppm ASTM D5185m >3 0 Titanium ppm ASTM D5185m >3 0 Aluminum ppm ASTM D5185m >2 0 Aluminum ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >10 0 Aluminum ppm ASTM D5185m >50 37 Aluminum ppm ASTM D5185m >50 37 Cadium ppm ASTM D5185m >0 0 ADDTTVES method	Oil Age	hrs	Client Info		0		
WEAR METALS	Oil Changed		Client Info		N/A		
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Titanium ppm ASTM D5185m >3 0	Chromium	ppm	ASTM D5185m	>10	0		
Silver	Nickel	ppm	ASTM D5185m	>3	0		
Aluminum ppm ASTM D5185m >10 1 1	Titanium	ppm	ASTM D5185m	>3	0		
Lead ppm ASTM D5185m >10 0 Copper ppm ASTM D5185m >50 37 Tin ppm ASTM D5185m >10 0 Vanadium ppm ASTM D5185m 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 Barium ppm ASTM D5185m 90 0 Molybdenum ppm ASTM D5185m 90 0 Magnesium ppm ASTM D5185m 0 0 Calcium ppm ASTM D5185m 0 2 Sulfur ppm ASTM D5185m 0 28 Sulfur ppm ASTM D5185m 25 <1	Silver	ppm	ASTM D5185m	>2	0		
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Sulfur ppm ASTM D5185m 23500 19955 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 <1	Phosphorus	ppm	ASTM D5185m	0	2		
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Oil Cleanliness ISO 4406 (c) >/17/13 21/19/15 FLUID DEGRADATION method limit/base current history1 history2							
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	FLUID DEGRADA	ATION	method	limit/base	current	history1	history2



OIL ANALYSIS REPORT







Certificate L2367

Sample No. Lab Number **Unique Number**

: KCPA003851 : 05967100 : 10673651

Received Diagnosed

: 02 Oct 2023 : 04 Oct 2023 Diagnostician : Don Baldridge

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)

2115 PLEASANT VIEW RD MIDDLETON, WI

US 53562

Contact: Service Manager

T: F: