

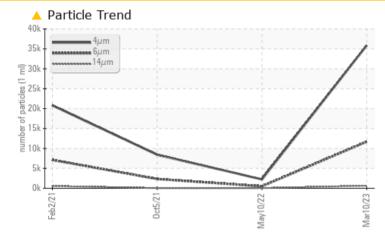
PROBLEM SUMMARY

KAESER NOT GIVEN 7388612 (S/N 1260)

Compressor

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

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 NORMAL Sample Status ABNORMAL **ATTENTION** Particles >6µm ASTM D7647 >1300 **11703** 514 ▲ 2330 Particles >14µm ASTM D7647 >80 625 44 35 2 Particles >21µm ASTM D7647 >20 94 10 **Oil Cleanliness** ISO 4406 (c) >--/17/13 A 22/21/16 18/16/13 ▲ 18/12

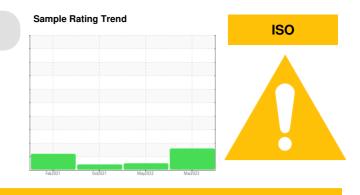
Customer Id: EXCBRE Sample No.: KCPA000387 Lab Number: 05795902 Test Package: IND 2



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

10 May 2022 Diag: Doug Bogart



Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



05 Oct 2021 Diag: Don Baldridge



The filter change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



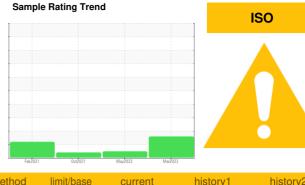
02 Feb 2021 Diag: Don Baldridge

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.All component wear rates are normal. There is a high amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.





OIL ANALYSIS REPORT



KAESER NOT GIVEN 7388612 (S/N 1260)

Compressor Fluid

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

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.

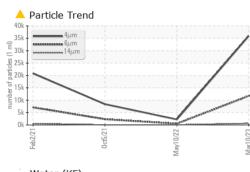
Machine Age hrs Client Info 3975 2389 1694 Oil Age hrs Client Info 0 200 1100 Oil Changed Client Info N/A Changed Not Changed Sample Status n nmit/base current Not Mot ATTENTIO WEAR METALS method imit/base current Notaton ATTENTIO WEAR METALS method imit/base current Notaton 0 0 Nickel ppm ASTM D5185m >3 0 0 0 Silver ppm ASTM D5185m >2 0 0 0 Lead ppm ASTM D5185m >10 0 0 0 0 Antimony ppm ASTM D5185m 10 0 0 0 0 0 Adaminum ppm ASTM D5185m 0 0 0 0 0 0 0 0 0 0 0 0	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
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Water % ASTM D6304 >0.05 0.02 0.018 0.031 ppm Water ppm ASTM D6304 >500 200.0 189.8 311.9 FLUID CLEANLINESS method limit/base current history1 history Particles >4µm ASTM D7647 35877 2228 8414 Particles >6µm ASTM D7647 >1300 11703 514 2330 Particles >6µm ASTM D7647 >80 625 44 35 Particles >21µm ASTM D7647 >20 94 10 2 Particles >38µm ASTM D7647 >3 0 0 0 Particles >71µm ASTM D7647 >3 0 0 0 Oil Cleanliness ISO 4406 (c) >/17/13 22/21/16 18/16/13 18/12 FLUID DEGRADATION method limit/base current history1 history1	Sodium	ppm	ASTM D5185m		8	13	17
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Particles >71μm ASTM D7647 >3 0 0 0 Oil Cleanliness ISO 4406 (c) >/17/13 ▲ 22/21/16 18/16/13 ▲ 18/12 FLUID DEGRADATION method limit/base current history1 history	Particles >21µm		ASTM D7647	>20	<mark>/</mark> 94	10	2
Oil Cleanliness ISO 4406 (c) >/17/13 ▲ 22/21/16 18/16/13 ▲ 18/12 FLUID DEGRADATION method limit/base current history1 history	Particles >38µm		ASTM D7647	>4	2	0	0
FLUID DEGRADATION method limit/base current history1 history	Particles >71µm		ASTM D7647	>3	0	0	0
	Oil Cleanliness		ISO 4406 (c)	>/17/13	A 22/21/16	18/16/13	▲ 18/12
Acid Number (AN) mg KOH/g ASTM D8045 0.4 0.29 0.31 0.363	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.29	0.31	0.363

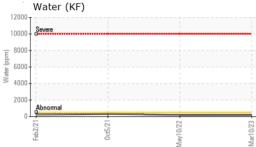
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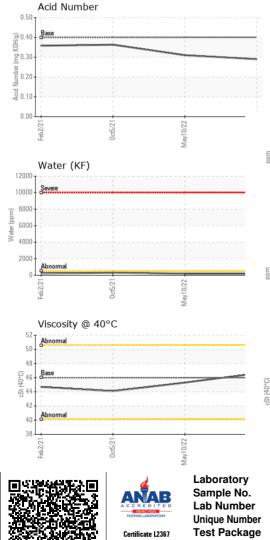
Contact/Location: S. LEDGEBACON - EXCBRE



OIL ANALYSIS REPORT



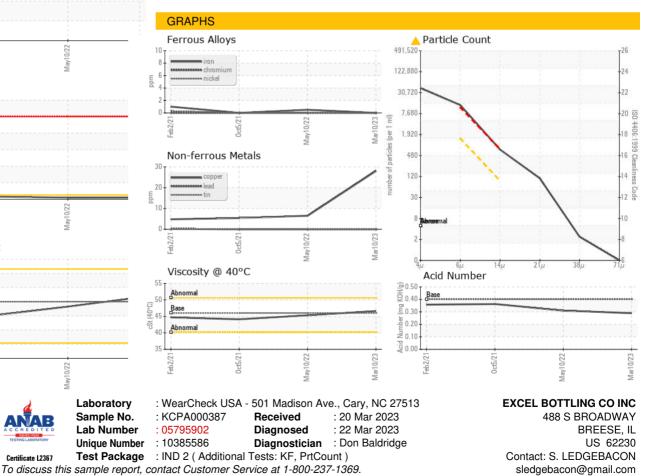




VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE	LIGHT
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.05	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	TIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	46.6	45.3	44.1
SAMPLE IMAGES	S	method	limit/base	current	history1	history2
Color				Ę.		







* - 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: