

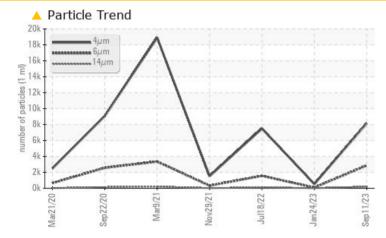
PROBLEM SUMMARY

Sample Rating Trend

Machine Id 6955399 (S/N 1376) Component

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

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 TES	ST RESULTS			
Sample Status		ABNORMAL	NORMAL	ATTENTION
Particles >6µm	ASTM D7647 >13	00 🔺 2867	92	1 557
Particles >14µm	ASTM D7647 >80	<u> </u>	10	<u> </u>
Particles >21µm	ASTM D7647 >20	<u> </u>	3	<u> </u>
Oil Cleanliness	ISO 4406 (c) >/	17/13 🔺 20/19/15	16/14/10	🔺 20/18/14

Customer Id: INSCUM Sample No.: KCPA002175 Lab Number: 05962900 Test Package: IND 2



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To discuss the diagnosis or test data: Doug Bogart +1 (800)237-1369 x4016 <u>dougb@wearcheckusa.com</u>

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

24 Jan 2023 Diag: Don Baldridge



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



18 Jul 2022 Diag: Don Baldridge

29 Nov 2021 Diag: Doug Bogart



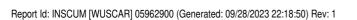
No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. There is a moderate amount of particulates present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.





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.







OIL ANALYSIS REPORT

Sample Rating Trend ISO

Machine Id 6955399 (S/N 1376) Component

Compressor Fluid 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.

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.

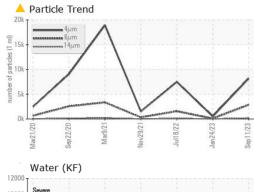
Sample Number Client Info KCPA002175 KCP49203 KC0101570 Sample Date Ins Client Info Sat270 29233 24778 Machine Age hrs Client Info Sat270 29233 24778 Oil Age hrs Client Info Sat270 29233 24778 Oil Age hrs Client Info N/A Changed Not Changed Sample Status Client Info N/A Changed Not Changed Chromium ppm ASTM 05185m >50 <1	SAMPLE INFORM		method	limit/base	current	history1	history2
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FLUID DEGRADATION method limit/base current history1 history2					1		
	Oil Cleanliness		ISO 4406 (c)	>/17/13	A 20/19/15	16/14/10	▲ 20/18/14
Acid Number (AN) mg KOH/g ASTM D8045 0.4 0.35 0.31 0.31	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045	0.4	0.35	0.31	0.31

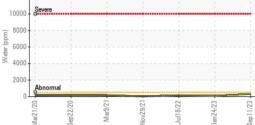
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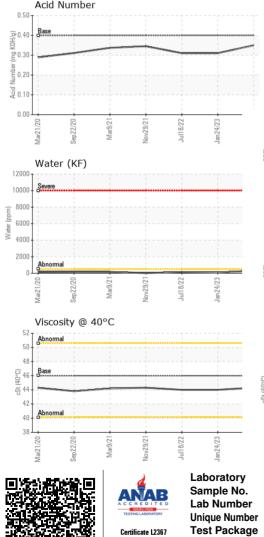
Contact/Location: PAUL ? - INSCUM



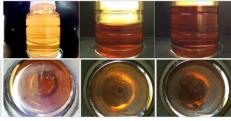
OIL ANALYSIS REPORT



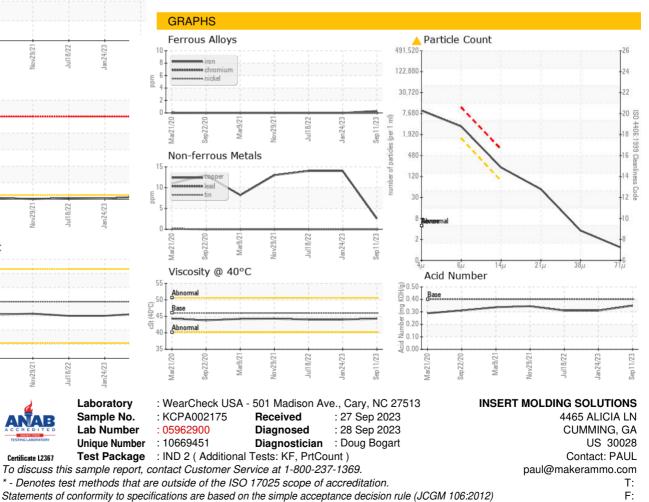




VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE	LIGHT
Sand/Dirt	scalar	*Visual	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 PROPER	TIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	44.3	44.0	44.0
SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Color						



Bottom



Contact/Location: PAUL ? - INSCUM