

PROBLEM SUMMARY

KAESER SM 10 5799711 (S/N 1964)

Compressor

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

COMPONENT CONDITION SUMMARY



RECOMMENDATION

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.

PROBLEMATIC TEST RESULTS

THOBLEM, THO TEOT	HEOGEIG				
Sample Status			ABNORMAL	ABNORMAL	
Particles >6µm	ASTM D7647	>1300	<u> </u>	4 697	
Particles >14µm	ASTM D7647	>80	6 540	4 62	
Particles >21µm	ASTM D7647	>20	<u> </u>	1 45	
Particles >38µm	ASTM D7647	>4	<u> </u>	9	
Oil Cleanliness	ISO 4406 (c)	>/17/13	<u> </u>	1 9/16	

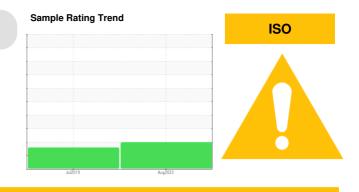
Customer Id: ABBEAR Sample No.: KCPA003609 Lab Number: 05930425 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Jonathan Hester +1 919-379-4092 x4092 jhester@wearcheckusa.com

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



RECOMMENDED	ACTIONS			
Action	Status	Date	Done By	Description
Change Fluid			?	Oil and filter change at the time of sampling has been noted.
Change Filter			?	Oil and filter change at the time of sampling has been noted.

HISTORICAL DIAGNOSIS



15 Jul 2019 Diag: Jonathan Hester

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 suitable for further service.





OIL ANALYSIS REPORT

Machine Id KAESER SM 10 5799711 (S/N 1964) Component

Compressor Fluid

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

DIAGNOSIS

Recommendation

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.

Wear

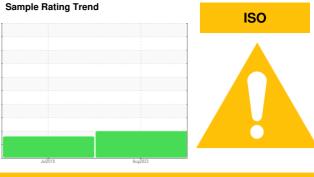
All component wear rates are normal.

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 NumberClient InfoKCPA003609KCP17141Sample DateClient Info15 Aug 202315 Jul 2019Machine AgehrsClient Info53472267Oil AgehrsClient Info28702267Oil ChangedClient InfoChangedChangedSample StatusIIIABNORMALABNORMALWEAR METALSmethodlimit/basecurrenthistory1	
Sample DateClient Info15 Aug 202315 Jul 2019Machine AgehrsClient Info53472267Oil AgehrsClient Info28702267Oil ChangedClient InfoChangedChangedSample StatusLLABNORMALABNORMAL	
Machine AgehrsClient Info53472267Oil AgehrsClient Info28702267Oil ChangedClient InfoChangedChangedSample StatusImage: Comparison of the statusABNORMAL	
Oil Age hrs Client Info 2870 2267 Oil Changed Client Info Changed Changed Sample Status Image: Client Info ABNORMAL ABNORMAL	
Oil Changed Client Info Changed Sample Status ABNORMAL ABNORMAL	
Sample Status ABNORMAL ABNORMAL	
WEAR METALS method limit/base current history1	-
	history2
Iron ppm ASTM D5185m >50 0 1	
Chromium ppm ASTM D5185m >10 0 0	
Nickel ppm ASTM D5185m >3 0 0	
Titanium ppm ASTM D5185m >3 0 0	
Silver ppm ASTM D5185m >2 0 0	
Aluminum ppm ASTM D5185m >10 0 <1	
Lead ppm ASTM D5185m >10 0 0	
Copper ppm ASTM D5185m >50 14 6	
Tin ppm ASTM D5185m >10 0 0	
Antimony ppm ASTM D5185m 0	
Vanadium ppm ASTM D5185m 0 0	
Cadmium ppm ASTM D5185m 0 0	
ADDITIVES method limit/base current history1	history2
-	
Boron ppm ASTM D5185m 0 0 <1	
Barium ppm ASTM D5185m 90 0 0	
Molybdenum ppm ASTM D5185m 0 0 0	
Manganese ppm ASTM D5185m 0 <1	
Magnesium ppm ASTM D5185m 100 0 24	
Calcium ppm ASTM D5185m 0 0 0 0	
Phosphorus ppm ASTM D5185m 0 0 2	
Zinc ppm ASTM D5185m 0 10 14	
Sulfur ppm ASTM D5185m 23500 23007 20135	
	history2
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Sulfur ppm ASTM D5185m 23500 23007 20135 CONTAMINANTS method limit/base current history1 Silicon ppm ASTM D5185m >25 <1 0 Sodium ppm ASTM D5185m >20 2 8 Potassium ppm ASTM D5185m >20 0 <1 Water % ASTM D6304 >0.05 0.011 0.015 p ppm Water ppm ASTM D6304 >500 118.2 159.3 FLUID CLEANLINESS method limit/base current history1 Particles >4µm ASTM D7647 26165 10457	history2
SulfurppmASTM D5185m235002300720135CONTAMINANTSmethodlimit/basecurrenthistory1SiliconppmASTM D5185m>25<1	history2 history2
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Acid Number (AN) Report Id: ABBEAR [WUSCAR] 05930425 (Generated: 08/23/2023 15:11:36) Rev: 1

Contact/Location: Service Manager - ABBEAR



Built for a lifetime

Acid Number

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OIL ANALYSIS REPORT

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limit/base

NONE

NONE

NONE

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current

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history1

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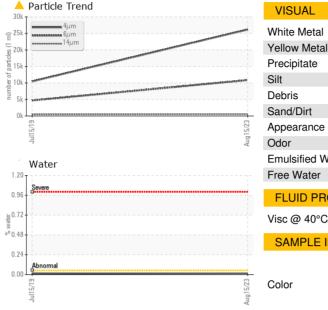
NONE

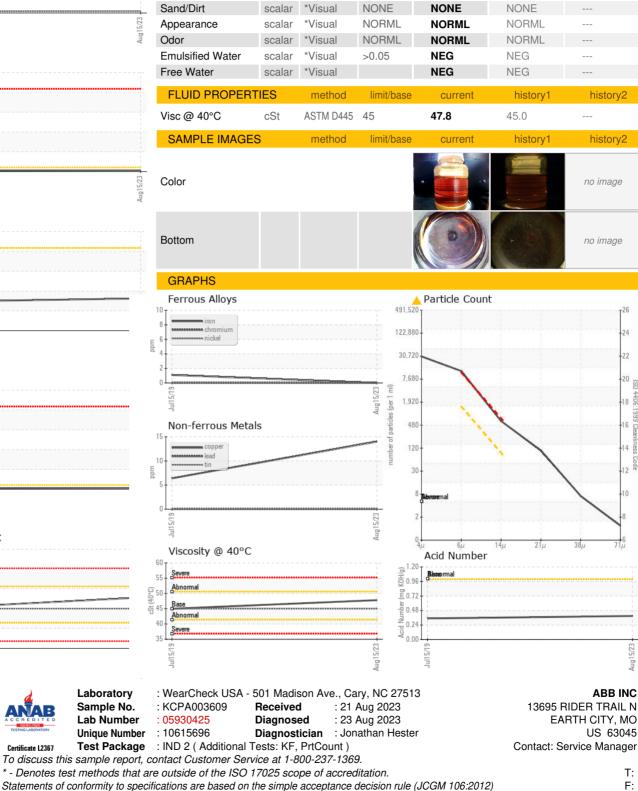
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